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THE

Storrs AND Harrison Co.

24-16

SPRING
1918

PAINESVILLE
NURSERIES



DELPHINIUM
GOLD MEDAL
HYBRIDS

NEW BABY RAMBLER ECHO

PAINESVILLE, OHIO.

THE FRONT COVER

DELPHINIUM GOLD MEDAL HYBRIDS

A superb strain of Hybrid Delphiniums (or "Larkspurs")—large flowered, free blooming, richly colored and strong growing. These and other varieties are described on page 120. Price: 15 cts. each; \$1.50 per dozen; 100 by express for \$10.00.

ECHO ROSE

A beautiful new hardy Polyantha or "Baby" Rambler, with flowers of the dainty Tausendschön type—semi-double blush white in great abundance, and vigorous dwarf growth. Offered on page 112. By mail, \$1.00 each; \$8.50 per 10. By express, 85 cts. each; \$8.00 per 10.

THE BACK COVER

THE rich colors and tempting naturalness of the subjects here pictured, tell their own story and make their own appeal. We consider the six vegetables named to be the very choicest varieties, each in its class.

RADISH—Early Globe Saxa—see page 26

LETTUCE—May King—see page 17

CUCUMBER—Early Fortune—see page 15

CORN—Bantam Evergreen—see page 13

BEET—Detroit Dark Red—see page 7

ONION—Ohio Yellow Globe—see page 21

"COVER VEGETABLE SET"

of the 6 choice vegetables above, one packet each,
by mail postpaid for 25 cts.

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THE STORRS & HARRISON CO.

All remittances by Post-Office or Express Order, Bank Draft and Registered Letter, are at our risk. Do not send money in ordinary letters without registering; it is not safe; we will not be responsible for it; and if lost you must not expect us to make it up. But where sent as directed, an extra plant if plant order, or seeds if seed order, will be given to cover cost of P.O. Order or registering, if order amounts to \$1.00 or more.

To _____

Date _____ 1918

WE DO NOT WARRANT IN ANY WAY, EXPRESS OR IMPLIED, THE CONTENTS, OR THE DESCRIPTION, QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY SEEDS, TREES, BULBS OR PLANTS, SOLD BY US; AND WE WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP, IF THE PURCHASER DOES NOT ACCEPT THESE GOODS ON ABOVE TERMS, NO SALE IS MADE THEREOF, AND HE MUST RETURN THEM AT ONCE, AND MONEY WILL BE REFUNDED. SUBJECT TO ABOVE CONDITIONS WE MAKE THIS SALE AT THE MODERATE PRICES AT WHICH WE SELL OUR GOODS.

THE STORRS & HARRISON CO.

THE STORRS & HARRISON CO.

WE GUARANTEE THAT ALL SEEDS, PLANTS OR OTHER GOODS SHALL REACH OUR CUSTOMERS SAFELY AND IN GOOD CONDITION. EXAMINE CAREFULLY ON RECEIPT AND REPORT AT ONCE SHOULD THERE BE ANY CAUSE FOR COMPLAINT.

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CATALOGUE No 2

SPRING 1918



Retrospect

This house was established in 1854. It has thus been in uninterrupted operation for 64 years, expanding normally from year to year. Today it is rated high among the great American houses devoted to the Nursery business and its allied trades; and is generally conceded to be the Leading Departmental Nursery in America.

We believe the three most important elements entering into its past success are these: It started with, and has striven to maintain, an ideal. It has played fair with its customers, and acquired their faith. It has proven the established quality of its goods, and earned respect.

There never was a time in American history when the Nurseries were so hard-put to make it go. Growing handicaps, crop failures, labor shortage, trade restrictions, transportation difficulties and excessively increased operating expenses have forced up the prices of nearly every article in cultivation. But we must all continue to plant;—the present needs food, posterity needs developed trees.

Sincerely,

THE STORRS & HARRISON CO.



Foreword

Comes now the new year, a new book and a new message. Reference to our birthday—back 64 years—has been made merely to show the starting point; and that we have been good enough, and honest, and progressive enough to hang on and grow.

Because our house is old, don't get the idea that we are slowing-up, or our stock or methods obsolete. On the contrary, inspection of this year's catalogue will show our propagation is right up-to-date and that we are neglecting no new good thing which would be of benefit to our customers.

Our Complete Stock makes it possible for customers to secure everything needed for orchard, kitchen-garden, lawn, flower-beds, window-garden or conservatory in one order and at one shipment, thereby saving a large per cent. of the express or freight charges that would be incurred by ordering from half a dozen localities.

Novelties and new varieties will be found offered under their respective headings. We endeavor to test all new American and European introductions, offering only those we believe will be of value, and discarding old sorts only as they are superseded by better kinds.

Departments Separate. Our Seed, Plant and Fruit departments are entirely separate. Often the seeds or plants on a combined order may be sent 24 to 48 hours before the balance of order is filled; if only part of order is received, please wait two or three days for balance, before writing us.

How to Order. Please use order sheets found in front part of this catalogue, carefully filling in blank spaces and enclosing payment for full amount of order. Write very plainly, or print: name, post office, county, state, street and house number or R. F. D. where you get your mail; with explicit directions if stock is to be shipped to some other town. To avoid mistakes do not write letters on same sheet as orders.

When to Order. We are prepared to fill orders as soon as this catalogue reaches you. Send in your combined orders for seeds, trees and plants, and if you do not wish trees and plants sent until time to plant in your locality, will send seeds at once and balance of order later. If you want part or all of order held, state it distinctly, with date when shipment is to be made.

Non-Warranty. While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

Our Guarantee. All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified; examine and count on receipt and notify us at once should there be any errors or damaged stock. This guarantee not good unless above requirements are complied with. Remember a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes, drinks and feeds and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition.

THE STORRS & HARRISON CO., Painesville, Ohio.

Remittances should be made by post-office or express money order, bank draft or registered letter. Remittances in any other way are entirely at sender's risk. Personal checks not accepted unless enough is added to cover bank exchange.

Postpaid by Mail. We deliver postpaid to any post-office in the United States any article in this catalogue offered by mail.

Please bear in mind that parcels post shipments are limited in weight and volume, thus restricting mail service to small sized articles and rather small quantities.

Express Preferable. We do not prepay express charges, but offer reduced express price instead. Where distance is not too great it is best to order by express; stronger stock in better condition can be sent, and if goods are miscarried or damaged, they can be more easily traced and damage rectified.

Catalogues. The following editions (except No. 1) free to all planters:

No. 1—Complete new edition, one of the best descriptive catalogues issued; offering and describing a full line of fruit and ornamental trees, grape-vines, small fruits, roses, shrubs, climbing vines and hardy plants, with instructions for planting, spraying, etc., profusely illustrated with half-tone cuts from photographs of desirable specimens. Price 10 cts.

No. 2—This one.

No. 3—Holland and other bulbs for fall planting, winter-blooming plants, hardy perennial plants, shrubs, fruits, small fruits, grape vines, etc., issued during August.

Orders less than \$1. We cannot afford to fill orders of less amount than one dollar, unless, in addition to amount for plants wanted, ten cents is sent. This does not apply to Seed orders.

(Signed) THE STORRS & HARRISON CO.





THE STORRS & HARRISON CO. VEGETABLE SEED

THE following lists of Vegetable Seeds represent the very best varieties and strains of the various vegetables listed it is possible to procure. Our stocks are grown for us only by the most reliable and careful growers and we offer them to our trade with confidence that they will stand the most rigid tests. The past growing season was, from the standpoint of the seedsmen, one of the most discouraging we have ever experienced. Because of exceedingly unfavorable weather conditions the yield of all seed-crops was very light and with the European stocks to a large extent denied us the supply is limited.

We have with a few exceptions secured our usual supply but cannot lay too much stress upon the importance of ordering early and securing your requirements before stocks become depleted.

About Prices. At prices named we guarantee that all seeds you may order in Packets, Ounces, Pounds, Pints or Quarts will be delivered to your home or post office postpaid. If ordered by Express or Freight at above prices deduct for postage at the rate of ten cents for each pound or quart.

Unless noted all other quantities larger than one quart will be sent at purchaser's expense by either Express or Freight. One-half pound at pound rates, one-half bushel at bushel rate.

Days Required. For convenience we have placed in figures after the name of each variety of vegetables, the approximate number of days required from seed sowing for that variety to reach the state when it is ready for harvest and market. This feature of our catalogue has received much praise from our customers, many of whom have complimented us upon its installation and assured us of the valuable service it renders them. These figures are based upon tests made in our own locality under average growing conditions and it should be borne in mind that as climate, rainfall, soil and location all have so much to do with crop production, the number of days given will vary with different conditions.

All Seed Tested. It is only too well known that not all seed produced is good or suitable for sowing. It is our policy to send out only seed of the highest quality and germination. Following this policy we carefully and thoroughly test out each lot as it is received, discarding all that do not measure up to our standard. Our customers are thus relieved of costly experimenting with seed of unknown value and may be assured that the seeds we send them have first proven their merit. The purchaser of seeds, unlike the buyer of any other commodity, is unable to judge by appearances the value of his purchase and must rely to a great extent upon the confidence he has in his seedsman. We value above all else the confidence of our customers and endeavor to have every transaction increase the faith entrusted in us.

Our Seed Trade is entirely through this catalogue. It is the only agent we employ. We send out no seeds to be sold again on commission, but—deal direct with the planters—devoting all of our resources to supplying them with the best and finest stocks obtainable. The substantial increase our business receives each year assures us that our efforts are not in vain and that our seeds are meeting the requirements of the most particular planters.

Guarantee of Genuineness. While we exercise great diligence and care to have all of our seeds true to name and hold ourselves in readiness, on proper proof, to replace all Seed that may prove untrue to name, free of charge or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said seeds that prove untrue.

(Signed) THE STORRS & HARRISON CO.



COLLECTION A A COMPLETE VEGETABLE GARDEN FOR A GOOD SIZED FAMILY \$1.00 POSTPAID

30
Packets
of
Choice
Vegetable
Seeds

- | | |
|--|---|
| 1 Packet Bean, Davis Wax. | 1 Packet Water Melon, Cole's Early. |
| 1 Packet Beet, Edmand's Early Turnip. | 1 Packet Water Melon, Ice Cream. |
| 1 Packet Cabbage, Early Winningstadt. | 1 Packet Onion, Yellow Globe Danvers. |
| 1 Packet Cabbage, Premium Late Flat Dutch. | 1 Packet Parsley, Moss Curled. |
| 1 Packet Cauliflower. | 1 Packet Parsnip, Hollow Crown. |
| 1 Packet Carrot, Chantenay. | 1 Packet Peas, Horsford's Market Garden. |
| 1 Packet Celery, White Plume. | 1 Packet Pumpkin, Sugar. |
| 1 Packet Corn, Stowell's Evergreen. | 1 Packet Radish, Icicle. |
| 1 Packet Cucumber, Cool and Crisp. | 1 Packet Radish, Early Round Scarlet. |
| 1 Packet Cucumber, Everbearing. | 1 Packet Salsify or Vegetable Oyster. |
| 1 Packet Egg Plant, Imp. Large Purple. | 1 Packet Squash, Golden Custard. |
| 1 Packet Lettuce, Denver Market. | 1 Packet Squash, Golden Hubbard. |
| 1 Packet Lettuce, New York. | 1 Packet Tomato, Earliana. |
| 1 Packet Musk Melon, Jenny Lind. | 1 Packet Tomato, Coreless. |
| 1 Packet Musk Melon, Rocky Ford. | 1 Packet Turnip, Purple Top, White Globe. |

Collection B ONE-HALF THE ABOVE 15 PACKETS CHOICE VEGETABLE SEEDS 50 Cts. POSTPAID

One Packet Each—Edmand's Beet, Charleston Cabbage, Danvers Carrot, Giant Pascal Celery, Mammoth White Cory Corn, Early Cluster Cucumber, Denver Market Lettuce, Osage Muskmelon, Fordhook Early Watermelon, Yellow Globe Danvers Onion, Hollow Crown Parsnip, Chartier Radish, Spark's Earliana Tomato, Hubbard Squash, White Egg Turnip.



Artichoke

ARTICHOKE

Raised for the young green flower heads which are usually boiled or baked and eaten with a butter sauce.

CULTURE. To obtain globes the first year, the seed should be sown in February or March and kept growing until the weather is suitable to transplant to the open ground. Seed sown in May will not bear globes until the following year. Transplant into rows three feet apart, setting the plants two feet apart in the row. Protect through the winter by mulching and earthing up around the plants.

Green Globe. This is the very best variety. Large elongated green heads, very tender and delicious. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25.

ASPARAGUS

1 ounce to fifty feet of drill

CULTURE. Seed of asparagus should be sown early in the spring; in drills two inches deep. When seedlings are one or two years old transplant (for the family garden)

sixteen to eighteen inches apart each way and cover crowns to a depth of four inches. For commercial usage plant in rows four to five feet apart, placing crowns eight to ten inches in the row.

Columbian Mammoth White. (2 years) This is a very vigorous growing sort producing splendid white shoots of the very finest quality. We can highly recommend this variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Conover's Colossal. (2 years) A well known standard variety, very large strong shoots of excellent quality, not as clear white as Mammoth White, but preferred by many. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Palmetto. (2 years) The very earliest variety and of the green type, delicious flavor and very popular and profitable as a market variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.



Columbian Mammoth White

BEANS

CULTURE. A light loam is best adapted to a perfect bean crop. Plant as soon as the ground has become thoroughly warm in rows from two feet for hand cultivation to three feet apart for horse cultivation. Cultivate thoroughly and often, keeping a mulch of loose soil at all times. When beans are in bloom cultivate shallow, as deep cultivation at this time causes many blossoms to drop, decreasing the yield. This extra effort will more than repay you in the quality and quantity of your crop. For a succession plant every two weeks. *One pint for eighty feet of row, one to two bushels per acre.*

GREEN PODDED Bush Varieties

Black Valentine. (40 days) An extremely early, vigorous growing green podded variety, earlier than Red Valentine, very long and slender round pods of exceptional quality. As a variety for very early planting it stands cold and damp soil better than any other sort, absolutely rust proof, seed black. Pkt. 15 cts., pt. 35 cts., qt. 65 cts., pk. \$3.75.

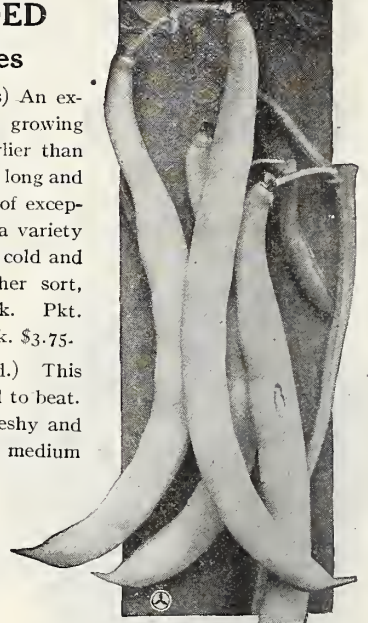
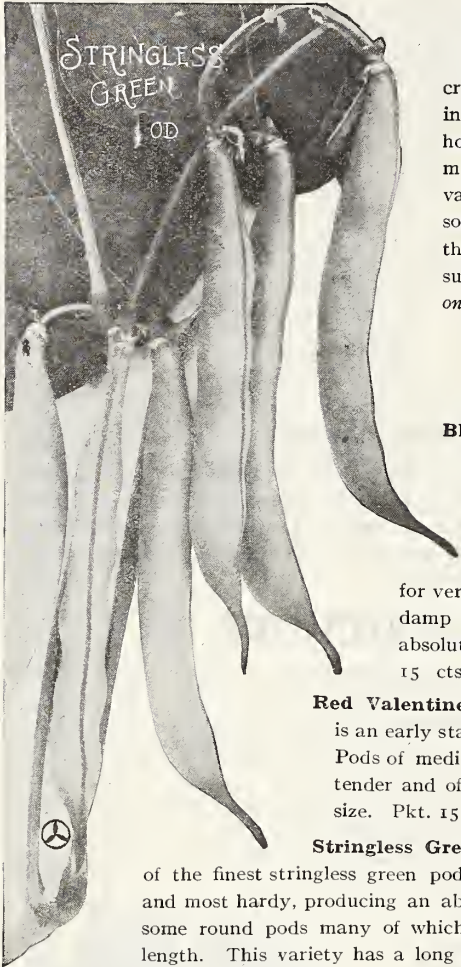
Red Valentine. (43 days) (Round Pod.) This is an early standard variety that is hard to beat. Pods of medium length, round, very fleshy and tender and of good flavor, seed long, of medium size. Pkt. 15 cts.

Stringless Green Pod. (42 days) One of the finest stringless green podded beans. The earliest and most hardy, producing an abundance of large handsome round pods many of which measure six inches in length. This variety has a long bearing season making it very desirable for the small garden. Seed dark brown. Pkt. 15 cts., pt. 35 cts., qt. 65 cts.

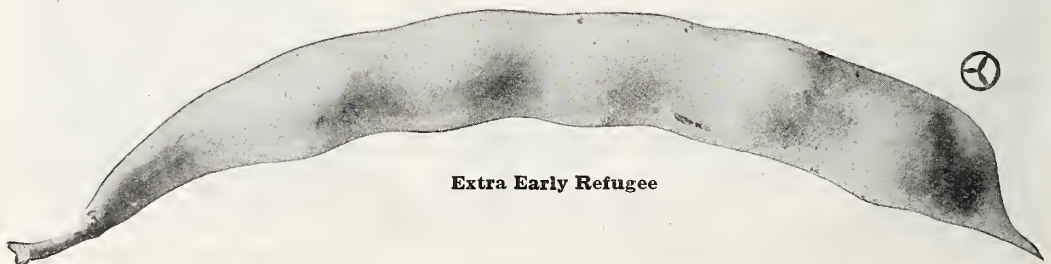
White Marrow. (60 days) Extensively grown for sale as a field bean for winter use. Seeds large white, twice the size of the Navy or Pea bean to which it is superior in every way. Pkt. 10 cts., pt. 35 cts., qt. 65 cts.

Extra Early Refugee. (40 days) An extremely early, green podded sort, furnishing short, oval, fleshy pods of fine quality. A producer of large crops. We recommend this variety for early planting in the home garden. Seed drab, with dark purple. Pkt. 15 cts., pt. 35 cts.

Hodson Green Pod. (50 days) For description of this variety read that of Hodson Wax with which it is identical in every way except the color of the pods which are green instead of yellow wax. One of the most healthy and largest yielding of the green podded sorts. Pkt. 15 cts.

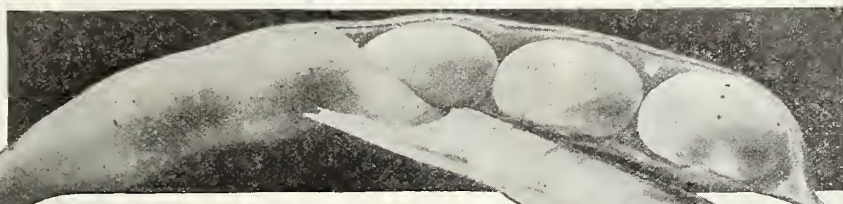


Black Valentine



Extra Early Refugee

WAX OR YELLOW PODDED VARIETIES



Improved Golden Wax

Burpee's New Kidney Wax. (48 days) Two characteristics of this bean, which make it at once popular upon the first trial, are its freedom from disease and the abundance of pods. The fleshy flat pods hang thickly on the plants, are of fine flavor, stringless and free from rust. The pods are of a beautiful lemon yellow, larger than those of Wardwell's which mature at the same time. Pkt. 15 cts.

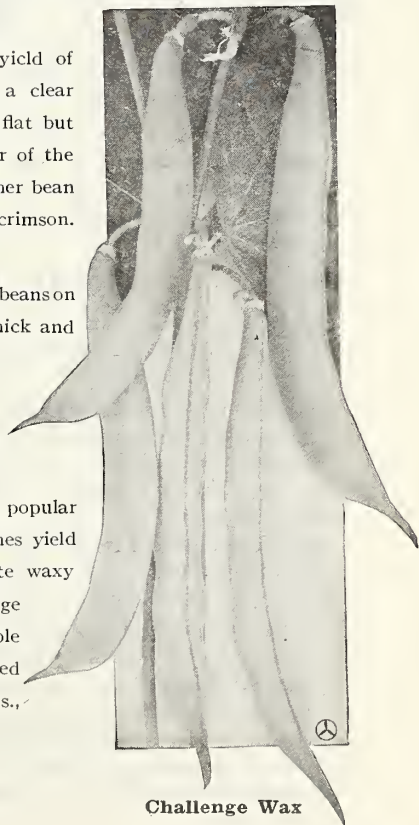
Challenge Black Wax. (43 days) One of the first to give a full picking. The vines are well loaded with pods which are of a pleasing light yellow color, round, fleshy, tender and stringless. Pkt. 15 cts., pt. 45 cts., qt. 80 cts.

Davis Kidney Wax. (40 days) This returns a large yield of handsome pods, which are long, flat, clear waxy white in color and do not stain in canning. One of the best sorts for market we have as it ships well, reaching the market in good condition. Pkt. 15 cts., pt. 45 cts., qt. 75 cts.

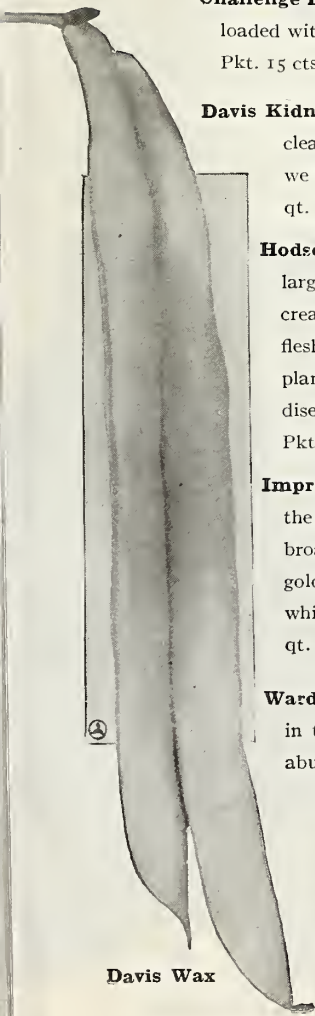
Hodson Wax. (50 days) A vigorous grower and the yield of large handsome pods is enormous. Their color is a clear creamy white; very long, straight or slightly curved, flat but fleshy. While late in maturing, the remarkable vigor of the plant is an effectual safeguard against blight and other bean disease. Seed light yellowish brown splashed with dull crimson. Pkt. 15 cts., pt. 45 cts.

Improved Golden Wax. (40 days) One of the earliest beans on the market. Pods are of good length, oval, quite thick and broad; they are entirely stringless, of a clear, waxy, golden yellow, and of fine buttery flavor. Seed white, mottled brown. Pkt. 15 cts., pt. 45 cts., qt. 80 cts., pk. \$5.00.

Wardwell's Kidney Wax. (48 days) One of the most popular in this section of all the wax beans. The strong vines yield abundantly, pods long, flat, broad and of a delicate waxy yellow, brittle and of the best quality. The large size of the pods make this sort especially desirable for either home or market use. Seed white, mottled with dark around the eye. Pkt. 15 cts., pt. 50 cts., qt. 90 cts.



Challenge Wax



Davis Wax

POLE or RUNNING BEANS

Plant from 10th to 15th of May in this latitude. The soil should be well enriched. Set poles four feet apart each way and plant six to eight beans around them, when well started thin to three plants to each hill.

Early Golden Cluster Wax. (72 days) The finest of all the wax podded pole beans. It bears profusely its large, flat, golden yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing long. Seed white. Pkt. 15 cts.

Old Homestead or Kentucky Wonder. (65 days) An excellent green podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. Seed dark brown. Pkt. 15 cts., pt. 40 cts., qt. 65 cts.

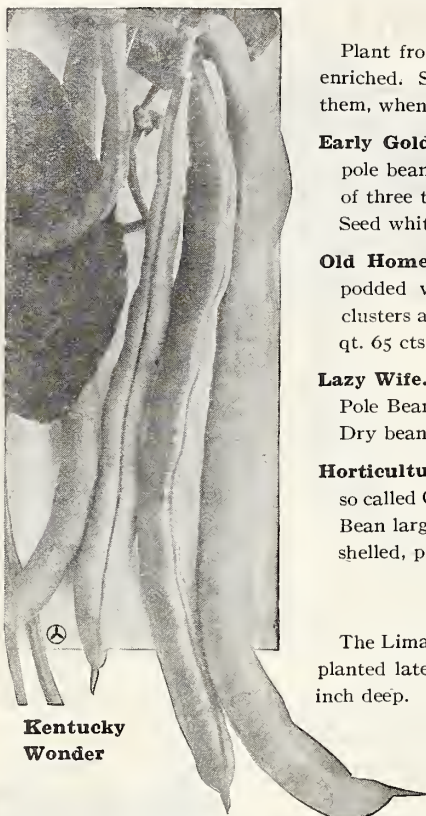
Lazy Wife. (70 days) One of the best for snaps of the later green podded Pole Beans. Pods, borne in large clusters, are long, broad, thick and fleshy. Dry beans are excellent for winter use. Seed white. Pkt. 15 cts.

Horticultural or Wren's Egg. (75 days) This is the corn field favorite, the so called October pole bean. Does equally as well planted in corn as on poles. Bean large, round, pink striped with red, of excellent flavor, used in pods or shelled, pods light green striped with red. Pkt. 15 cts., pt. 35 cts.

LIMA BEANS

The Limas being more tender and liable to rot, if it is cold and wet, must be planted later, about the last of May or first week in June. Plant about one inch deep.

Green Prolific. (80 days) An early and the most productive pole Lima we have ever seen. The strong vigorous vines bear large clusters of six to eight pods containing five to six per-



**Kentucky
Wonder**

fectly formed beans, as large as any of the other sorts. The shelled beans have the true dark green color so long sought after by many growers. Pkt. 15 cts.

King of the Garden. (90 days) A vigorous grower, bearing profusely large pods. The beans are of good size and have a flavor that is unsurpassed by any variety. Pkt. 15 cts., pt. 35 cts., qt. 65 cts.

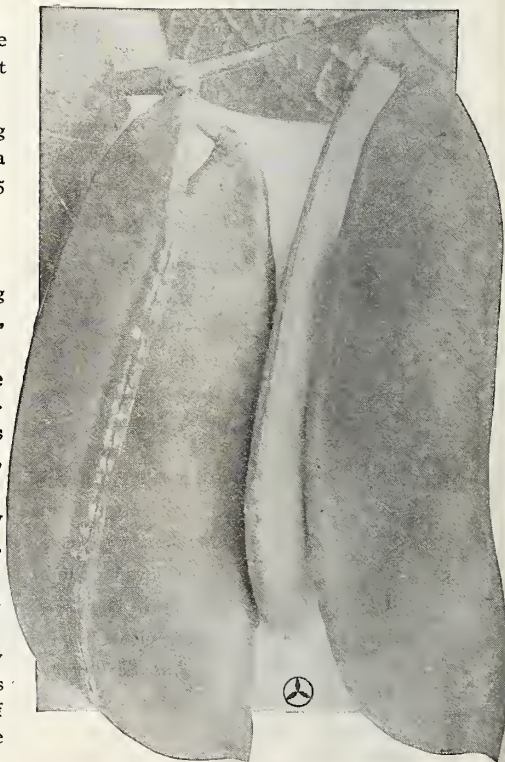
BUSH LIMAS

Identical with the pole varieties in size of pods, but being dwarf in growth do not require support. Plant in three foot rows, four inches apart in the row.

Burpee's Bush Lima. (65 days) A bush form of the large White Lima, growing only 18 to 20 inches high. Very productive, with pods and beans of the same shape and as large as those of the pole Limas, of excellent quality. Pkt. 15 cts., pt. 45 cts., qt. 75 cts.

Burpee's Improved Bush Lima. (65 days) This bean easily surpasses anything of the Bush Lima type. Very large pods, excellent flavored beans, borne on large vigorous plants. Extremely prolific, hanging in enormous clusters. Pods contain from four to six beans of greenish white color. Pkt. 15 cts.

Fordhook Bush Lima. (60 days) This is of an ideal bushy growth with stiffly erect stem and branches. It is an enormous bearer of plump well-filled pods which are borne in clusters of four to six all ready for use at the same time. The beans are large, thick, and of most excellent quality. Pkt. 15 cts., pt. 50 cts.



Fordhook Bush Lima

BEETS

Beets for best results should have a rich loam soil. Land that has been well fertilized for a previous crop is a good situation. In preparing your seed bed pulverize until as fine a bed as is possible to make is secured. Cultivate thoroughly and often. Sow as early as ground can be worked in drills from twelve to eighteen inches for hand culture, to two and one-half feet for horse cultivation, cover to a depth of one to two inches. Continue sowing every ten days for a succession. Thin to a stand of four to six inches apart in the rows. *One ounce to sixty feet of drill; five to six pounds per acre.*

Bastian's Early Blood Turnip. (50 days) Of quick, large growth; tender, and retains its bright color when cooked. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

Crosby's Egyptian. (40 days) Improved strain of Early Egyptian. As early, thicker, smoother, better color and quality than its parent. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts.

Crimson Globe. (45 days) This beet is of fine shape with a smooth and attractive dark red skin and small tap root. The interior is a rich deep crimson and fine grained in texture. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

Detroit Dark Red Turnip. (50 days) One of the best sorts for both market and home garden. Roots globular; smooth skin, dark blood red; flesh bright, tender, sweet. (See back cover.) Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts.

Early Model. (45 days) Extremely early, of perfect globe shape and fine quality. The beets are always smooth and of the deepest blood-red color and quickly attain a good size. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Eclipse. (45 days) Remarkable for its early growth and extra fine quality. Smooth and round; skin and flesh red; fine grained and sweet. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Edmand's Early Turnip. (42 days) The roots are round, very smooth, tender and sweet; skin deep blood red; flesh dark red. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Half-Long Blood. (65 days) This is the best for winter use. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts.

New Curled Swiss Chard or "Spinach Beet" Lucullus.

The plants grow to a height of two to two and one-half feet. The stalks are heavily ribbed, and from ten to twelve inches long below the leaf; are delicious when cooked, and served in the same manner as asparagus. The leaves are large, heavily crumpled or "savoyed," crisply tender and of fine flavor. The leafy portion of the foliage is cooked and served in the same manner as spinach. Pkt. 10 cts., oz. 25 cts.

SUGAR BEETS AND MANGEL WURZELS

The directions for beet planting answer for sugar beets and mangel wurzels, except that these should be drilled in rows 2½ feet apart and thinned to 8 to 12 inches in the row. Thorough and frequent cultivation is essential when beets are young. Discontinue cultivation as soon as the roots mature, which state is indicated by drying of leaves. Further cultivation injures them by inducing new growth, which lessens their value, which is measured by the amount of sugar they contain. Store in earth covered heaps.

Klein Wanzleben. (65 days) Eighteen tons of sugar made from 100 tons of this beet. One of the largest of sugar varieties. Crop failed.

Golden Tankard. (95 days) A golden-fleshed mangel; roots half long and very large. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50. By express, \$1.40 per lb.

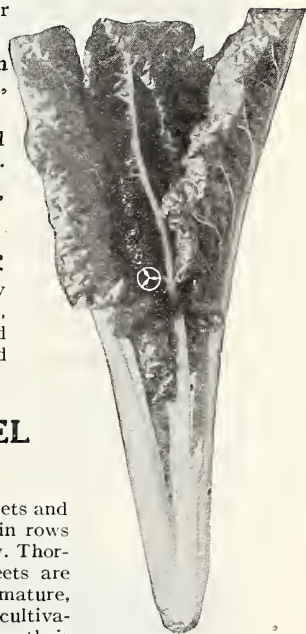
Mammoth Long Red. (115 days) Long smooth roots of large size. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50. By express, \$1.40 per lb.

BRUSSELS SPROUTS

Improved Dwarf. (125 days) Grows 1½ feet high in a single stem, which is covered its entire length with miniature cabbage heads. Pkt. 10 cts., oz. 35 cts.



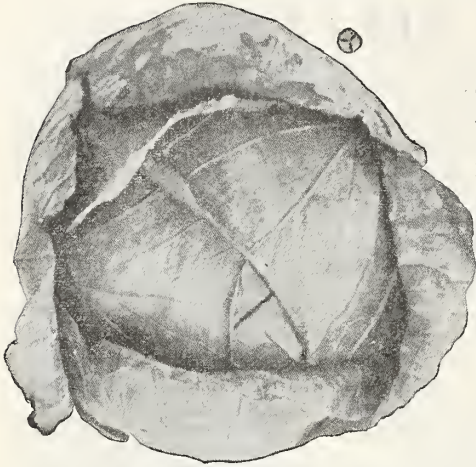
Eclipse



Lucullus

Crimson
Globe

CABBAGE



All Head Early

CULTURE. The ground must be highly manured, deeply dug or plowed, and thoroughly worked to insure good heads. A heavy, moist and fresh loam is the most suitable. The early varieties should be sown very early in the spring in hot bed or later in open ground. Plant out 18 inches by two feet apart. The late varieties are usually sown by the last of May and the plants set out in July, in rows three feet apart, and two feet apart in the rows. *One ounce will produce 3,000 plants. One-quarter pound of seed in beds enough for an acre.*

All Head Early. (90 days) Of the flat head type. The earliest of all large cabbage. They are solid. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

All Seasons. (95 days) An early Drumhead, desirable either for late summer or fall use. Rich in flavor. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

American Drumhead Savoy. (110 days) The Savoys excel all other cabbages in flavor, and this is the best of all. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

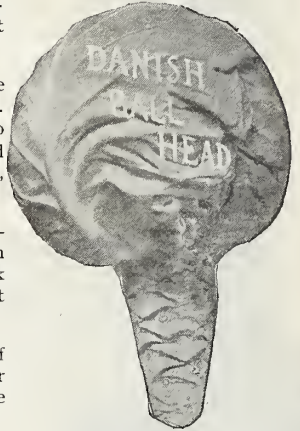
Charleston or Large Wakefield. (85 days) A popular variety with market gardeners in the South. It is about a week later than Early Jersey Wakefield, but larger. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Copenhagen Market. (75 days) Copenhagen Market is without question the finest early cabbage ever introduced. Fully as early as Early Jersey Wakefield. Produces magnificent heads similar to Danish Ball-head, weighing from eight to ten pounds. We unhesitatingly recommend this variety to commercial grower and home gardener alike, as worthy of extensive planting. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

Danish Round Head. (100 days) An early strain of the popular Danish Ball-head, maturing from two to three weeks earlier. Produces large, heavy heads on an exceptionally short stem. One of the best yielders we have ever seen. Our stock of seed is direct from the growers in Denmark, insuring our customers of the best strain in existence. Pkt. 15 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50.

Danish Ball-Head. (120 days) (Dutch Winter or Hollander.) The heads are of medium size, solid and deep, averaging in weight nearly eight pounds. Their quality is superior and they are just as solid in spring as when put away in the fall. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Early Jersey Wakefield. (75 days) This is the hardiest and hardest heading of the extra early sorts, and most Northern gardeners depend upon it for their first crop. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.



Odense Market. (110 days) This is the newest and most superior variety of red cabbage. Dark red in color, heads medium sized, hard and heavy. Desirable for pickling and salads as well as general use. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50.

Premium Flat Dutch. (110 days) A good cabbage for late use. It possesses all the good qualities of the late Flat Dutch, and is a sure header. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Sure-Head. (100 days) Makes a solid, large head, with few outer leaves. A strong, vigorous grower, ripening late. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Winningstadt. (85 days) Remarkably hard and solid, and keeps well both in summer and winter. May be sown early for late summer or later for winter use. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.



American Drumhead Savoy

CHINESE CABBAGE

CULTURE. For early use sow the seed in hot-bed in February or March. When four inches high transplant, if the weather is suitable, to open ground, setting one foot apart in two and one-half foot rows. For late or main crops, seed should be sown in August or early September and transplanted as soon as large enough. When well grown loosely tie up the plants to blanch. In storing for winter treat the same as late cabbage but keep from freezing. Like lettuce Pe Tsai does not thrive in hot weather, but is inclined to run to seed.

Pe Tsai. For a long time the favorite of Chinese gardeners, this unusual vegetable has become very popular with all who have given it a trial. We have given Pe Tsai a most rigid test and can recommend it as a vegetable well worth growing, in fact it should have a place in every garden. While not a cabbage it is closely related to it, both belonging to the Brassica family. When well grown Chinese cabbage makes a head fifteen inches long and four to five inches in diameter, which blanches to a beautiful white. May be eaten as a salad or is delicious when cooked in the various ways ordinary cabbage is served. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.



Pe Tsai
(Chinese Cabbage)



Danish Giant Cauliflower

CAULIFLOWER

A good money crop. Always a ready seller in any market, and the demand usually exceeds the supply.

CULTURE. Make the soil as fine as possible for every transplanting, and do not allow the young plants to become checked at any time for want of water. For spring and early summer use, sow in January or February in hot bed, and transplant to cold frame when sufficiently large, and to the garden as soon as ground is warm enough. For late autumn crops, sow in the early part of June, and transplant in July. In dry weather water freely, and as they advance in growth hoe deep and draw earth to the stem. When heading tie the outside leaves loosely over the heads to protect from the sun.

Early Snowball. (90 days) Very early, and one of the surest to head.

If seed is sown March 1st, large-sized heads will be produced early in June. Its dwarf habit of growth renders it one of the best for forcing under glass. Valuable for late planting also. Pkt. 20 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

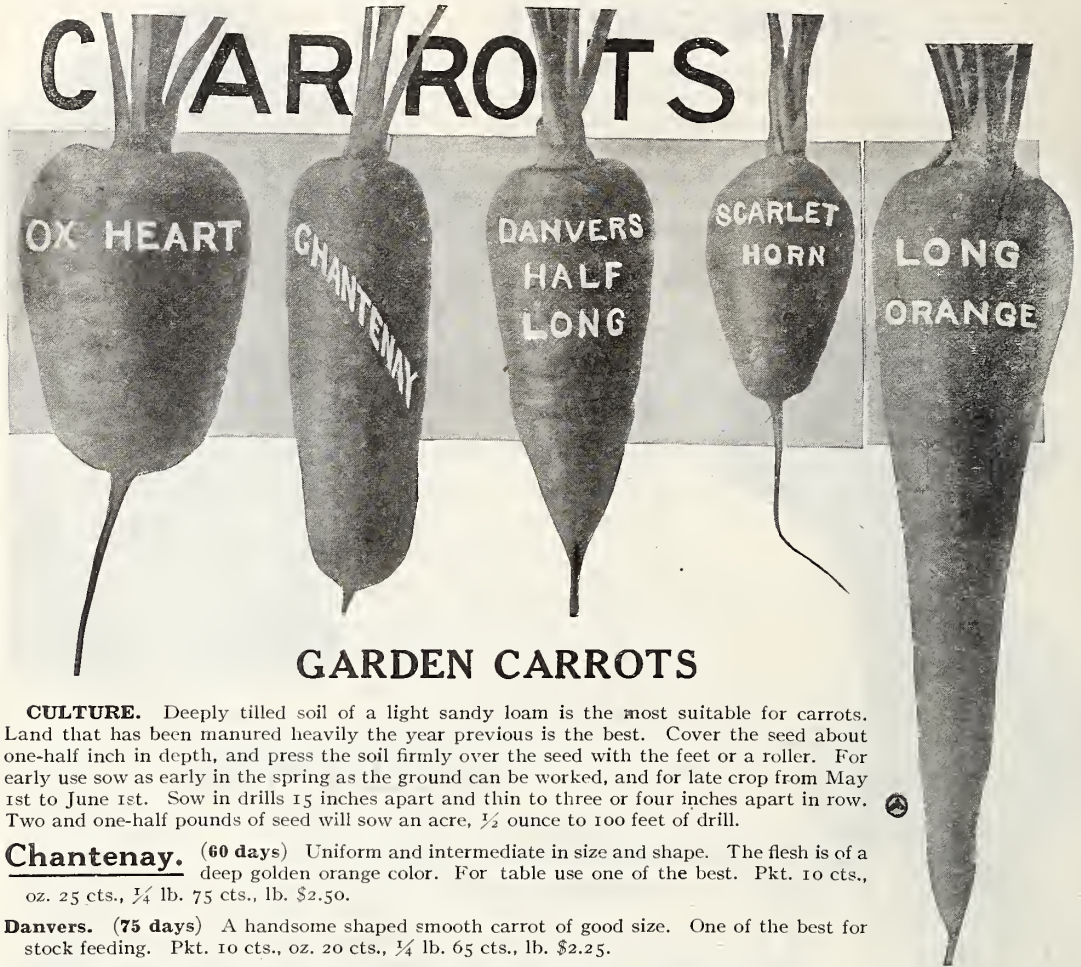
Danish Giant or Dry Weather.

(130 days) This is a late variety and a splendid drouth resister. Heads are large and while not so close as Snowball or Erfurt it makes a splendid pickling type. Sure header in even the dryest weather. Pkt. 20 cts.

Early Favorite. (110 days) This is very early, exceedingly hardy; will head under conditions in which many sorts would fail. They form large heads which, although inclined to be open, are crisp, tender and of fine quality. Pkt. 10 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.00.



Early Snowball



GARDEN CARROTS

CULTURE. Deeply tilled soil of a light sandy loam is the most suitable for carrots. Land that has been manured heavily the year previous is the best. Cover the seed about one-half inch in depth, and press the soil firmly over the seed with the feet or a roller. For early use sow as early in the spring as the ground can be worked, and for late crop from May 1st to June 1st. Sow in drills 15 inches apart and thin to three or four inches apart in row. Two and one-half pounds of seed will sow an acre, $\frac{1}{2}$ ounce to 100 feet of drill.

Chantenay. (60 days) Uniform and intermediate in size and shape. The flesh is of a deep golden orange color. For table use one of the best. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Danvers. (75 days) A handsome shaped smooth carrot of good size. One of the best for stock feeding. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

Guerande or Ox-Heart. (75 days) A variety good either for family use or market, and profitable for feeding. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

Early Scarlet Horn. (50 days) Excellent for early planting out of doors. Roots top-shaped but tapering abruptly to a small tap; skin orange red. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Improved Long Orange. (75 days) A long variety. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

STOCK or FEEDING CARROTS

Carrots are extremely nutritious and wholesome vegetables and are not appreciated as they should be in this country. In some European countries they contribute largely to the food of both man and beast. They are splendid horse and cattle feed. If you plant for no other purpose, try some for your horses this year. We offer one variety only of Stock Carrot, which we have proven best by test of its type.

Large White Belgian. (90 days) This is the giant among carrots and produces an immense quantity of large nutritious roots three to four inches in diameter at the shoulder and from ten inches to one foot long. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

COLLARDS

Grown and used extensively for greens. Forms a large mass of cabbage like leaves on a tall stem. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

CRESS or PEPPER GRASS

Extra Curled. Extensively used as a small salad with lettuce. The leaves while young have a warm pungent taste. Sow rather thick in shallow drills, and at short intervals during the season. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

CRESS—WATER

Erfurt. Hardy perennial aquatic plant, growing along streams and ponds. Sow seed at edge of water, covering lightly, may also be sown in tubs. Pkt. 10 cts., oz. 50 cts.

CELERY

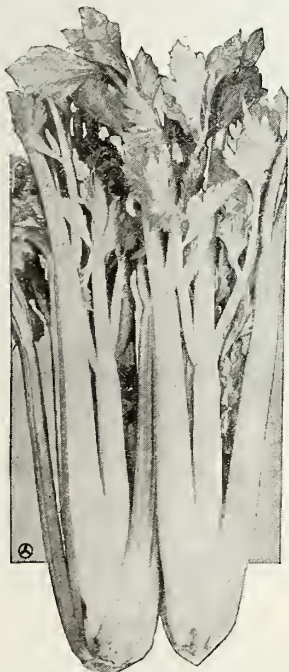
One ounce for 2,000 plants. $\frac{1}{2}$ pound for one acre



Giant Pascal

CULTURE. Sow seed in the open ground, as soon as the soil can be worked into a perfect seed bed, cover lightly and roll or firm the covering soil as the seed is slow to germinate and you must retain the moisture. Sowing in rows from ten to twelve inches apart is preferable to broadcasting; by this means cultivation may be kept up, allowing no check in the growth. Cut tops occasionally to make stocky growth.

Transplant in July to a previously prepared bed made considerably richer than seed bed, plant in single or double rows; if single rows four feet apart and six to eight inches in the row; if double rows, rows may be made ten inches apart, skip six feet and plant another double row and so on. This method allows of double returns with the same labor in hilling if soil is rich enough to support.



Columbia

Columbia. (110 days) An early maturing sort unsurpassed in shape and quality. The plant is of medium height but very stocky and heavy. The stalks are thick, almost round; the color has in it more of the rich yellow tint of Golden Yellow Self-Blanching, which variety it resembles very much in appearance. The foliage is of a distinctly light shade of green with a tinge of yellow. Its quality is exceptionally fine. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25.

Golden Self-Blanching. (110 days) This is by far the most desirable of all celery for earliness, excellence of quality and ease of growth. Rarely if ever pithy and of a rich golden yellow color. Our seed is genuine French grown and of finest quality. Among market gardeners this is the variety that is in greatest demand. As the name implies it is also entirely self-blanching. Pkt. 10 cts., $\frac{1}{2}$ oz. 75 cts., oz. \$1.40, $\frac{1}{4}$ lb. \$4.50.

Celeriac Giant Prague. (125 days)

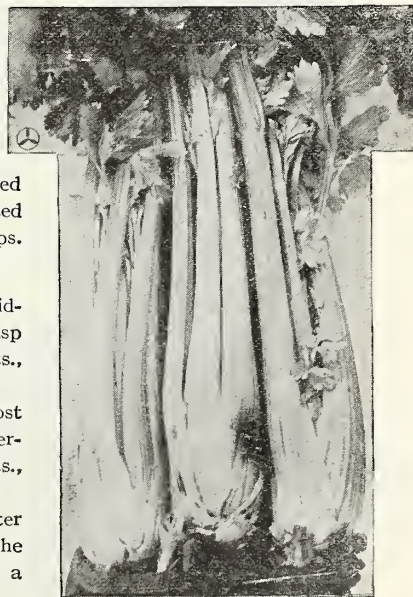
The root of this celery is turnip-shaped, sweet and tender, and may be cooked like turnips or eaten like radishes; used largely for seasoning meats and soups. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.00.

Giant Pascal. (135 days) A variety for second early and mid-winter use. The stalks are large, thick, solid, crisp and of a rich nutty flavor, free from bitterness. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00.

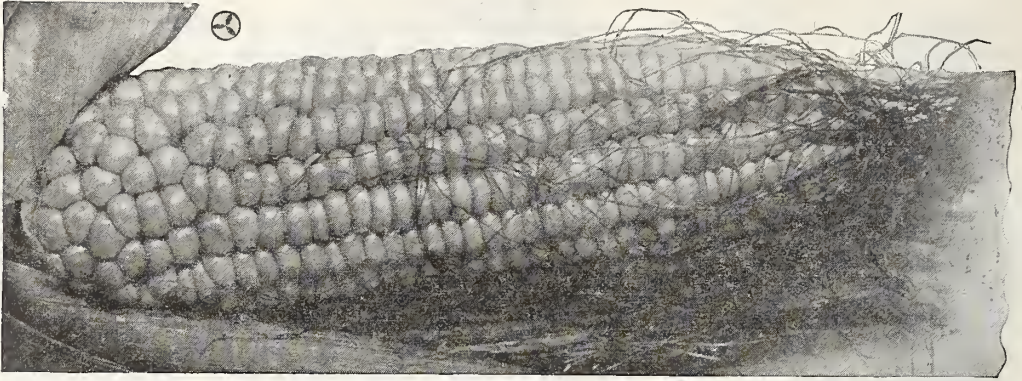
White Plume. (120 days) For fall and early winter use this is the most popular celery. Its eating qualities are excellent, while its white feather-like foliage places it ahead of all others as a table ornament. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

Winter Queen. (140 days) This is one of the finest varieties for winter use. Makes a stocky, vigorous growth, which blanches easily. The hearts are large and solid but very crisp and tender. Blanches to a beautiful creamy white. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts.

Celery Seed for Flavoring. Oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 65 cts.



Golden Self-Blanching

**Howling Mob**

SWEET CORN

Please note that the prices quoted for pints and quarts are postage paid by us. If ordered by express, deduct at rate of 10 cents per quart. One pint plants 100 hills; 5 to 8 quarts per acre in hills four feet apart, or less, each way; in drills or broadcast for fodder, $1\frac{1}{2}$ to 2 bu. per acre.

EXTRA EARLY VARIETIES

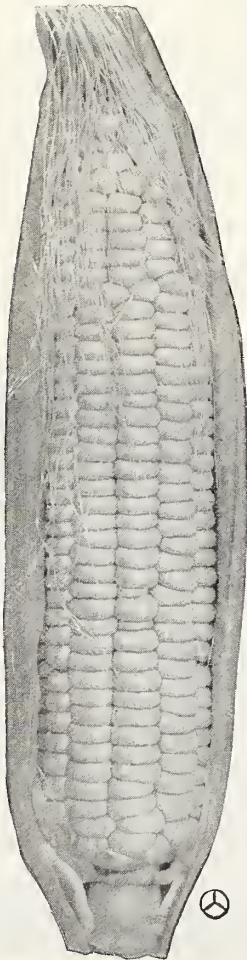
Extra Early Adams. (52 days) Not a sweet corn but is so hardy that a planting may be made before it is safe to plant the sweet varieties. Roasting ears may be had extremely early and are of good quality. Pkt. 15 cts., pt. 25 cts., qt. 40 cts., pk. \$1.50.

Golden Bantam. (60 days) Of all the varieties of Sugar Corn this is by far the sweetest and most delicious. Matures with the earliest and by planting each fortnight may be had to perfection from early summer until frost. The kernels are a rich golden yellow, very tender and with a flavor that is exceptionally rich and pleasing. The ears are eight rowed, six to seven inches long and of the medium size. It is the most popular sort on the market today. Pkt. 15 cts., pt. 35 cts., qt. 65 cts.

Howling Mob. (65 days) This is one of the newer varieties that has become very popular by reason of its many good points. It is the largest eared of all the early sorts and usually produces two ears to the stalk. The ears are from 7 to 9 inches long well protected with husk, kernels large and pure white. A fine variety for market. Pkt. 15 cts., pt. 30 cts., qt. 50 cts., pk. \$2.75.

Kendel's Early Giant. (65 days) Early yet the ears grow to a remarkable size, measuring 8 to 10 inches in length, with usually 12 rows to the ear. Kernels are pure white and of splendid eating qualities. This variety is a prime favorite with the market gardener and is an excellent sort for the home garden. Pkt. 15 cts., pt. 30 cts., qt. 50 cts., pk. \$2.75.

Mammoth White Cory. (65 days) Large ears with twelve rows of perfectly formed kernels. The grains are large, pure white and of excellent quality. For an early pure white sugar corn this old favorite is unsurpassed by any. Pkt. 15 cts., pt. 30 cts., qt. 50 cts.,

**Golden Bantam**

MEDIUM EARLY VARIETIES

Bantam Evergreen. (70 days) (See back cover illustration.) This variety is without exception the finest corn we have ever offered our customers. *Bantam Evergreen* is the result of a cross between the famous *Golden Bantam* and *Stowell's Evergreen* and has retained all the better features of both parents. It is if possible sweeter than *Golden Bantam*, the same beautiful color, and a much larger ear—just the right size for eating from the cob. The kernels are plump, a beautiful cream color when green and have a flavor that is not soon forgotten. Our seed is raised for us in the New England States and is hardy, sturdy stock. Pkt. 15 cts., pt. 40 cts., qt. 75 cts.

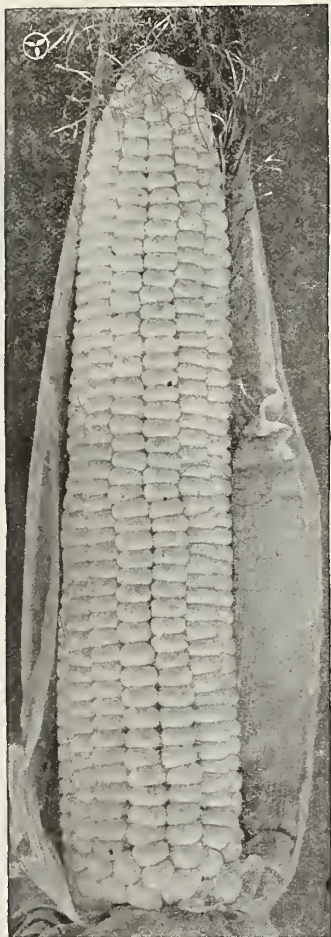
Country Gentleman. (70 days) This is sometimes called "Shoe-peg" from the small peg like kernels which are irregularly placed on the cob. Excellent for private family use where quality is preferred to size. Also popular in markets where its fine quality is known. The cob is very small giving great depth to the kernels. Pkt. 15 cts., pt. 35 cts., qt. 65 cts.

LATE VARIETIES

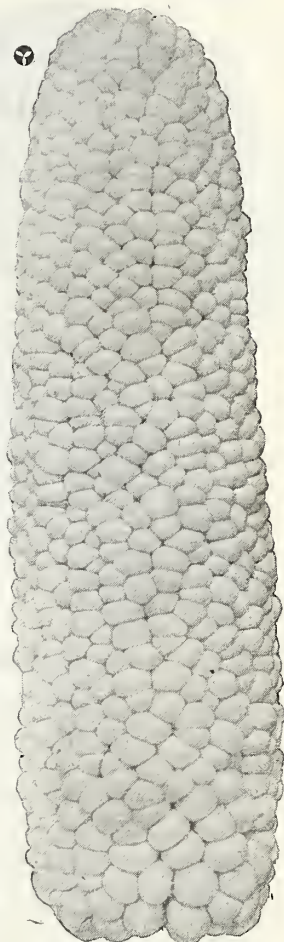
White Evergreen. (75 days) This produces large handsome ears well filled with deep pure white grains of delicious sweetness. Matures with *Stowell's Evergreen* and is very hardy. Pkt. 15 cts., pt. 35 cts., qt. 65 cts.

Stowell's Evergreen. (80 days) Hardy and productive, tender and sugary, remaining a long time in a fresh condition suitable for cooking. Pkt. 15 cts., pt. 35 cts., qt. 60 cts., pk. \$3.00.

Black Mexican. (75 days) One of the most sugary. The grains when first perfected are pure white, and at their best for table use. They then become dark, though still retaining their sweetness. Pkt. 15 cts., pt. 35 cts., qt. 65 cts.



White Evergreen



Country Gentleman

POP CORN

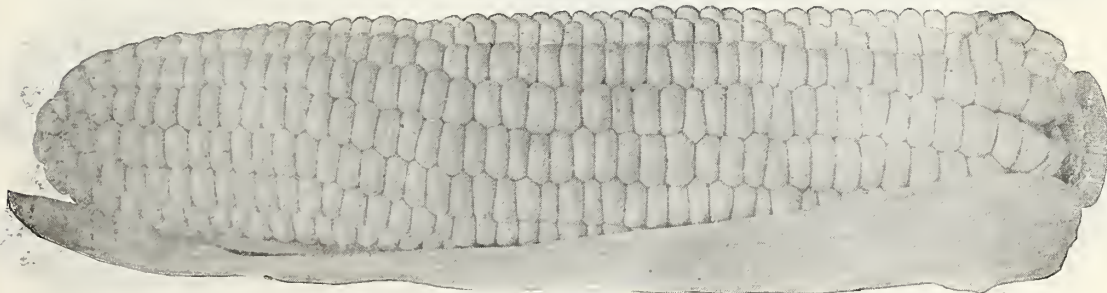
Queen's Golden. The largest pop corn. The stalk grows five to six feet high and bears two to three large ears each. It is yellow, but pops perfectly white. Pkt. 10 cts., pt. 30 cts., qt. 45 cts.

White Rice. A very handsome and popular variety; ears short, kernels long, pointed, and resembles rice; color white. Pkt. 10 cts., pt. 30 cts., qt. 45 cts.

PEANUTS

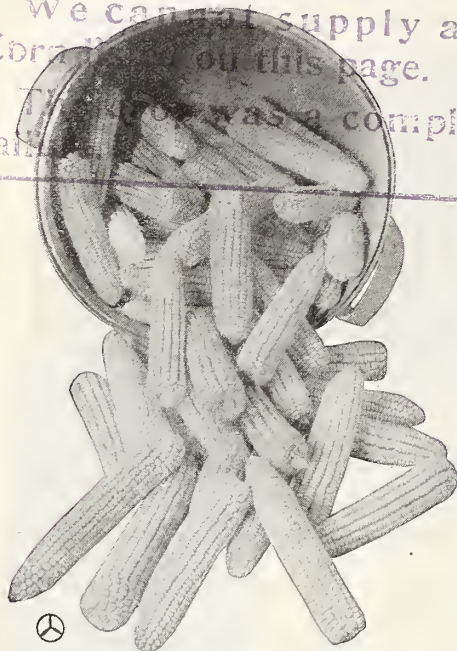
CULTURE. Peanuts require light rich soil well limed. Plant in the Spring as soon as the ground has become warm, in rows 30 to 36 inches apart, placing the seed 6 to 10 inches apart in the row. It is not necessary to remove the hull when planting. Keep well hoed. When matured pull and hang up to dry.

Valencia. A very desirable and productive Spanish bush type. Mild and sweet flavored, bearing three or four peas in each hull. Pkt. 10 cts., pt. 25 cts., qt. 40 cts.



Stowell's Evergreen

We cannot supply any
Corn on this page.



White Cap Yellow Dent

FIELD CORN

Prices per quart are postage paid; if ordered by express, deduct 10 cts. per qt. Five quarts in hills four feet apart, four kernels to the hill, will plant one acre.

All varieties, qt. 35 cts. By express or freight, unless noted, pk. 90 cts., bu. \$3.00, 2 bu. or more, \$2.75.

The superiority of Northern-grown corn for seed has long been acknowledged.

All our corn is raised for seed purposes only, and in Northern Ohio, near the south shore of Lake Erie; is fully matured and is first quality seed of high vitality. Careful selection of stock-seed, intelligent breeding and thorough cultivation have made our strains healthy and heavy yielders.

Clarage. (85 to 90 days) A fine second early maturing between Pride of the North and Leaming. Rich yellow color, ears medium size, uniform the entire length and well filled, very productive.

Clark's Early Mastodon Dent. (90 to 100 days) The earliest of the large eared corn. Not a true yellow corn, but a pale yellow, white capped Dent. Its greatest feature being an enormous yield of fine large ears. A sure crop in short season localities.

Improved Leaming. (100 days) One of the very best of yellow corns. Sure to mature, deep grained; ears of the finest shape and quality; very productive, many of our fields containing stalks that run two and three ears each.

Mortgage Lifter. (110 days) One of the best of the later Dent varieties, producing large deep grained ears. A great yielder and an ideal variety for climates that afford a season long enough to mature it.

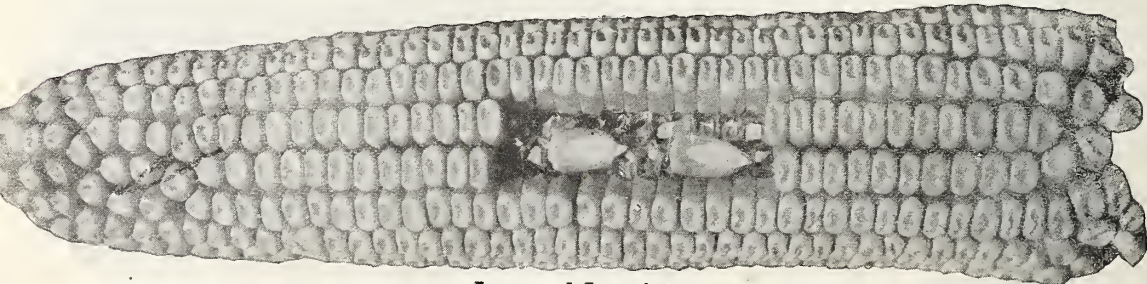
Pride of the North or Queen of the Prairie. (80 to 85 days) This is the earliest of the yellow Dent Corns. A sure crop in the shortest seasons. An ideal Dent corn for the extreme North. Ears fair in size, very prolific and of the best quality. Cob is very small, grains small but deep, and of deep orange yellow color.

Reid's Yellow Dent. (100 days) This is the most popular variety of Yellow Dent Corn grown today and has taken more prizes at Corn Shows than any other sort. The large ears eight to eleven inches long have eighteen to twenty rows of closely set kernels upon a very small cob. Produces an abundance of forage upon a strong stalk which does not blow down easily, a decided advantage at harvest time.

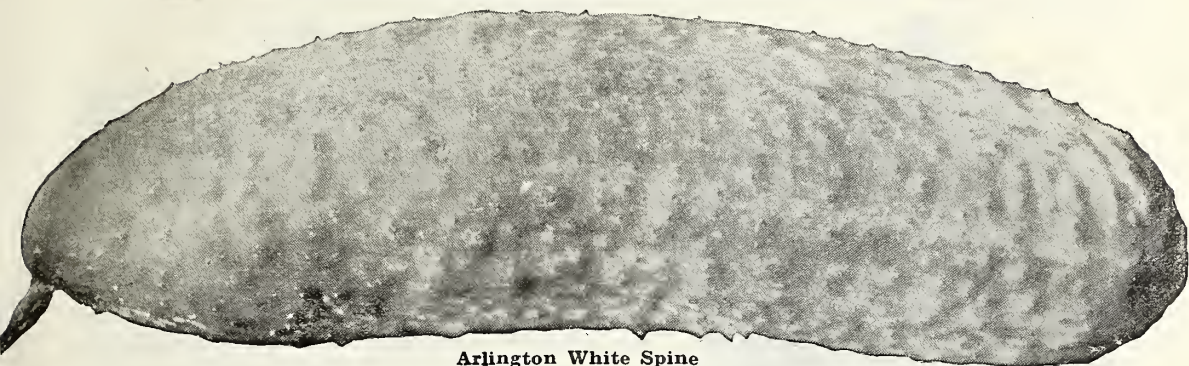
White Cap Yellow Dent. (85 to 95 days) We have a splendid strain of this very popular variety. This corn is the most suitable of all for any soil and condition, producing large deep grained ears, kernels lemon yellow tipped white. A sure crop under most any condition and a heavy yielder.

ENSILAGE CORN

Cuban Giant Ensilage. (120 days) Where a heavy growth suitable for Ensilage purposes is desired, we believe there is no better variety offered than Cuban Giant. The grains are pure white, very broad and long and of strong vitality. A good milk producer, sweet and tender. Pk. 85 cts., bu. \$3.00, 2 bu. or more at \$2.75.



Improved Leaming



Arlington White Spine

CUCUMBER

Cucumbers succeed best in rich, loamy soil. As soon as the weather becomes warm and settled, plant in hills four to six feet apart each way, with 10 to 12 seeds in a hill; cover one-half inch deep. Air slaked lime or "Slug Shot" sprinkled on the plants every few days as soon as they are up will protect them from the striped beetle. When all danger from insects is past, thin out plants, leaving three or four of the strongest to each hill. The fruit should be picked when large enough, otherwise it destroys their productiveness. *One ounce to 50 hills. 2 to 3 lbs. per acre.*

Arlington White Spine. (55 days) This strain of White Spine has been much improved by careful selection and is much superior to the old sort. It is a rich green in color and a prolific bearer. Makes a fine slicer. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Cool and Crisp. (65 days) They are straight, long, even and slim, and are of a dark green color. One of the best pickling varieties, also excellent for slicing. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Davis Perfect. (50 days) A first-class variety for forcing under glass; also for outdoor culture. The color is a dark glossy green; in shape it is slim. It is very tender, and of exceptionally good flavor. For shipping is unsurpassed. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Cumberland. (60 days) A pickling cucumber of the hardy white spine type. They make a choice slicing variety as well as the finest pickles. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Early Cluster. (50 days) Vines vigorous, producing the crop near the roots and in clusters. Fruits short, early and of good shape for pickling. Very prolific. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Early Fortune. (See back cover illustration.) (52 days) We consider this new and distinctive variety the finest all around cucumber in existence. The rich dark green fruits when matured at the slicing stage, average $7\frac{1}{2}$ to 8 inches in length and retain their color for a remarkably long time. The flesh is firm with a small seed cavity, making it a good shipping and market sort. As a pickling sort it is equally as good producing an enormous quantity of uniform, well shaped pickles. The vine growth is very vigorous and the leaves which are a little larger than those of ordinary sorts are of a thick texture very resistant to disease. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Emerald. (65 days) An evergreen sort holding its deep green color until nearly ripe. Highly recommended as a slicer. The young fruit makes an excellent pickle, and when ripe none excel it for a sweet pickle. It is almost entirely free from warts and spines. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Everbearing. (65 days) The young fruit is symmetrical, deep in color, and crisp. It is of medium size and fine for pickling. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



Davis Perfect

Improved Chicago Pickling. (68 days) Very popular with market gardeners. Fruit medium length, pointed at each end with large and prominent spines; color deep green. It is an extremely prolific variety and is one of the best for those who want crisp coarsely spined pickles. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Improved Long Green. (65 days) Of excellent quality, dark green, firm and crisp; most extensively grown. A standard pickling sort. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Klondike. (60 days) This is an extra choice strain of the White Spine type, with very dark green skin. They are large, uniform in size and attractive in appearance. Popular in the South for early Northern shipments. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

West India Gherkin. A very small, oval-shaped prickly variety; grown exclusively for pickling. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.



DANDELION

CULTURE. (55 days) Sow early in the spring in warm, rich soil, in drills 18 inches apart; thin the young plants to five inches in the rows and cultivate well; they will be fit for cutting the next spring. When grown for the roots, sow in September and cultivate well during the fall and the following summer; they will be fit to dig in October. Our seed is from carefully selected thick-leaved stocks, much superior to our ordinary wild dandelion. Pkt. 10 cts., oz. 40 cts.

EGG PLANT

CULTURE. Sow in hot bed early in spring; transplant two and one-half feet apart each way after weather becomes settled and warm. If no hot bed is at hand, plants may be started in pots or boxes. The potato beetle is very fond of the plants. Paris green applied same as to potatoes will keep them in check. *One ounce to 1000 plants.*

Black Beauty. (140 days) The fruits are broad and thick, of attractive form, and of the finest flavor. The skin is a rich purplish black. It is entirely free from spines or thorns. They are ready to market early. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.00.

Improved Large Purple. (125 days) Fruit remarkably large, often measuring 12 inches in depth and 9 inches in diameter, weighing five to six pounds. Skin deep purple with occasional stripes of green about the stem. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75.

ENDIVE

A fall and winter salad. For early use sow in April; for late or main crop, in June or July, in drills 14 inches apart; when two or three inches high, thin to one foot apart in the drills. When fully grown they should be blanched, this can be done by gathering up the leaves and tying them together at the tips or lay boards over them, keeping them flat.

Large Green Curled. (40 days) A hardy variety, broad leaves, blanches white. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

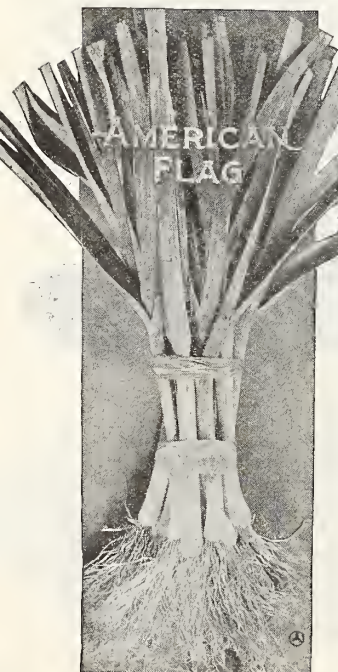
White Curled. (35 days) Leaves pale green, mid-rib yellow. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts.

Broad Leaved Batavian. (Escarolle.) (45 days) This is a broad thick-leaved variety, highly appreciated by all as a splendid salad. Good for cooking like Kale or Mustard. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts.

KALE or BORECOLE

CULTURE. Kale is one of the hardiest of "Greens" belonging to the Cabbage family. Sow either in rows or broadcast, for summer and fall use the seed should be sown in the early Spring, or may be sown in August or September for Spring use. *One to two pounds to an acre.*

Dwarf Green Curled. (55 days) This is the most popular variety of Kale, dwarf and very hardy. Splendidly curled leaves, excellent flavored. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts.



KOHL RABI

CULTURE. The seed should be sown in the Spring three-fourths of an inch deep in drills two feet apart. When the plants are a few inches high thin to fifteen inches apart. *Two pounds of seed for one acre.*

Early White Vienna. (50 days) Dwarf, small, early; bulb handsome, firm, glossy white; the best variety for the table, but should be used when young. All varieties are tough and stringy when overgrown. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Purple Vienna. (70 days) A fine purple type, later than above, but much liked for late use. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

LEEK

American Flag. (70 days) Sow early in the spring in drills one inch deep and one foot apart. When six or eight inches high transplant in rows 13 inches apart and five inches between the plants, as deep as possible, that the neck may be blanched. *One ounce to 150 feet drilled.* Pkt. 5 cts., oz. 20 cts.

LETTUCE

The culture of lettuce either under glass or outdoors is always profitable, the demand is steady throughout the year. Some markets require a loose or curled leaf variety, while others demand head varieties. We list both types, also Cos or Celery Lettuce. Our seeds are very carefully selected, germination and trueness to type is carefully tested. No better strains exist than those we offer.

CULTURE. Lettuce seed should be covered very shallow to secure germination, especially the black seeded if sown under glass or in the house. For early spring use sow in September and protect through the winter in cold frames the same as cabbages, or sow in hot beds in March and transplant to open ground as soon as it can be worked. For late supplies sow in the open ground as soon as the season will permit, in rows one foot apart; thin out plants one foot apart in rows. If sown every two or three weeks to the middle of August, it may be had in perfection the entire season. *One ounce will sow 125 feet of drill and produce 3000 plants.* The varieties marked thus * are black seeded.



BLACK
SEEDED
SIMPSON

Big Boston. (45 days) The most popular variety for every purpose on the market. Gives equally good results under glass or in the open. Of the head types it is easily the leader. Leaves are light green and very tender. Our strain of this variety is unsurpassed. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

***Black Seeded Simpson.** (40 days) The leaves are thin, tender, and of a light green color; very early. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



Grand Rapids

Denver Market. (45 days) An early lettuce for forcing or open ground. The leaves are beautifully curled and crimped. Crisp, tender and of excellent flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Early Prize Head. (50 days) Color bright green tinged with brownish red. It is of superb flavor, tender and hardy. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

* **Grand Rapids.** (38 days) As a forcing variety for winter and early spring use this stands at the head of the list. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

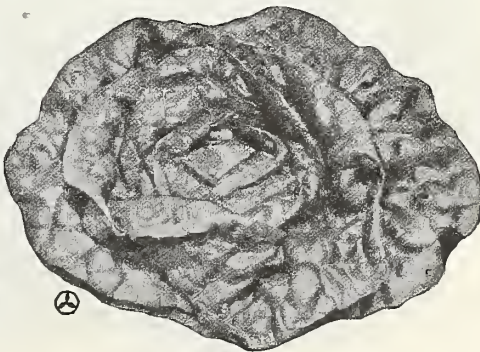
Improved Hanson. (45 days) Heads large, fine form, deliciously sweet, tender, and crisp, color green outside and white within. Intermediate between the loose-leaved and heading varieties. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

May King. (42 days) (See back cover illustration.) A large light green heading lettuce which is giving excellent satisfaction. Grown outdoors it is extremely early, maturing handsome heads of good size and unsurpassed in quality and solid enough to make it a good shipper to distant markets. For forcing under glass it is most desirable. A first class all purpose variety. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

New York. (55 days) A variety of summer lettuce that is very slow to run to seed. It forms large heads. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

***Salamander.** (50 days) An excellent sort for summer use; compact heads; light green outside; white within. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

White Self-Closing Cos. (55 days) Of all celery or Cos lettuce this is the leader. Beautiful light colored outer leaves, centers blanching to a pure white, very tender and of delicious flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



May King

MUSK MELON

CULTURE. Melons should be grown in rich soil. Sow ten to fifteen seeds to each hill which should be six feet apart each way. When well started thin out to three or four plants, leaving the strongest. *One ounce will sow or plant fifty hills; two or three pounds to the acre.*

Banana. (85 days) Very long cucumber-shaped, delicious odor, late. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Burrell's Gem. (75 days) Well ribbed and covered with a fine grayish netting. The skin is a rich dark green, contrasting finely with the deep orange-salmon colored flesh, sweet and tender. The flesh is thick and firm, ripening close to the skin. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Defender. (75 days) One of the best yellow-fleshed sorts, oval in shape, slightly ribbed, covered with gray netting. The flesh is firm, fine grained, yellow, rind thin, hard and firm. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Early Hackensack. (60 days) This variety is extra early, large and productive. They are deeply netted, flesh light green; of excellent quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Emerald Gem. (80 days) Skin emerald green with lighter stripes. Flesh thick, of a delicate salmon color. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Hoodoo. (70 days) This is one of the newer varieties. Flesh orange color and of the finest flavor; fruits finely netted with very thin hard rind and very firm flesh. Vines are exceedingly productive. A splendid shipping variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Honey Dew. (Casaba.) (120 days) This is the melon that has created such a furore on the markets and justly deserves all the praise that it has received. While this melon has been disseminated only a short time there are already several strains offered most of which are inferior to the true "Honey Dew." Our stock was grown for us by a specialist in the famous melon-growing district at Rocky Ford and is the original strain. Honey Dew grows to an enormous size, many of the mature melons measuring nine inches in diameter and weighing ten pounds. It has a smooth white skin, nearly round in shape, with a hard rind that enables it to be shipped with safety any distance. The flavor which is indescribable, is found in no other melon and is sweeter than the sweetest musk melon. They may be picked in a green state and ripened in storage and when properly cared for may be kept until Christmas. By all means include this in your order. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

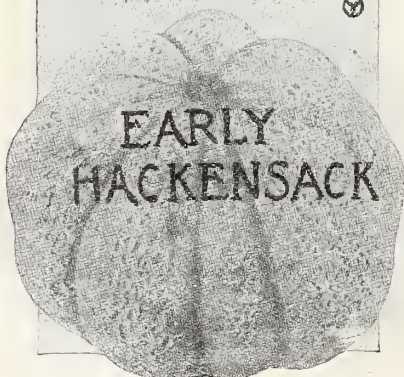
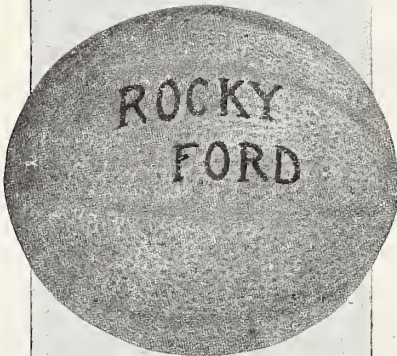
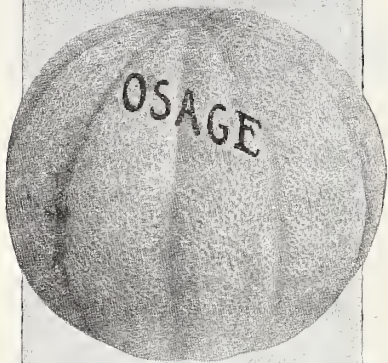
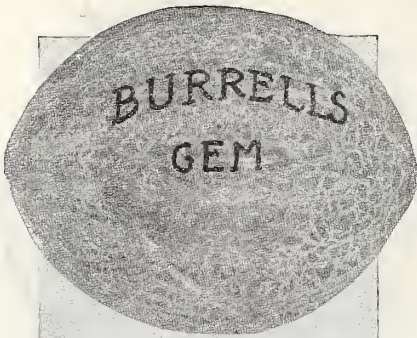
Jenny Lind. (65 days) Small, round and flattened at the ends, deeply ribbed and thickly netted. The flesh is a light green and one of the sweetest. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Osage. (75 days) (Extra Select.) Of uniform quality, sweet and delicious. The skin is thin, dark green and slightly netted. The flesh is deep salmon, and of a spicy flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Osage Gem. (70 days) A splendid shipper. Outside like the Netted Gem, inside like Osage, it pleases the eye on sight and confirms the impression by its color and exquisite flavor when cut. It will sell for the highest prices in any market where "Gems" are popular. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Rocky Ford. (70 days) Flesh greenish white in color, very juicy and rich and good clear to the rind. It is medium in size, of round, oval form and a most excellent keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Tip Top. (80 days) This very productive melon is of medium to large size, nearly round, slightly ribbed and fairly well covered with shallow netting. The flesh is deep yellow in color and of excellent quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.



WATER MELON

CULTURE. Plant in hills eight feet apart each way, using a shovelful of well rotted manure in each hill, thin to six plants to hill; after all danger of bugs is past, further thin to four plants. Bugs may be checked and some cases entirely prevented by applications of "Slug Shot," or air slaked lime dusted over and around the young plants. *One ounce plants 30 to 40 hills or four pounds for one acre.*

*White seeded varieties.

Augusta Rattlesnake. (85 days) Here is a melon similar in many characteristics to the old Georgia Rattlesnake, but surpassing it in flavor and uniformity of product. The necks and deformed ends usually found in Georgia Rattlesnake are absent in Augusta Rattlesnake. A splendid melon in every respect. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Citron. (100 days) Red seeded. For preserving. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts.

Cole's Early. (65 days) A choice melon for the home garden. The flesh is bright red, crisp, sweet and of fine flavor, of medium size, but solid, with thin rind. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Dixie. (85 days) An early variety; as a shipper and keeper is unexcelled. The flesh is of bright scarlet, of the finest quality. The melons are dark green, beautifully striped, oblong in shape. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

***Fordhook Early. (60 days)** An extra early melon of fine flavor and large size. Color a uniform medium green. Flesh bright red and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

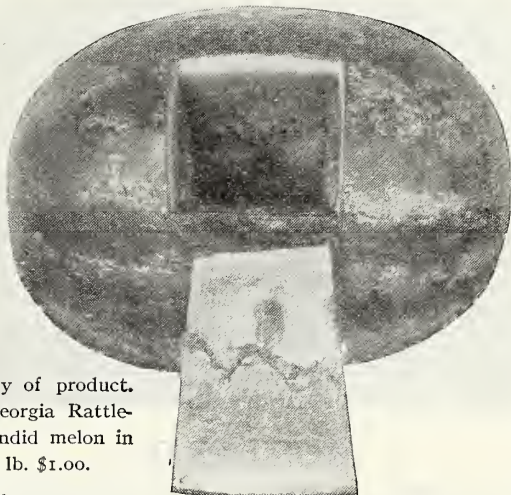
***Halbert Honey. (75 days)** The vines are of strong vigorous growth and set fruits very freely, four or five large melons are frequently clustered closely together. They are 18 to 20 inches long and are full and round at both ends. The skin is a dark glossy green and the flesh a beautiful crimson. It is an excellent nearby market melon as well as for home use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Ice Cream. (75 days) Medium size, nearly round, color pale green, thin rind, flesh solid, scarlet, of delicious flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

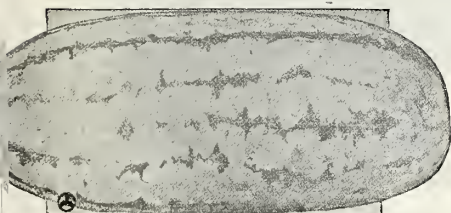
***Kleckley's Sweet. (70 days)** The skin is a rich, dark green, the flesh bright scarlet, ripening close to the rind. They have a large solid heart. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Sweet Heart. (90 days) Fruit large, oval, mottled light and dark green. Flesh bright red, solid, tender and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

The Watson. (90 days) This is absolutely the very best melon introduced to date. Perfect in shape, rind is dark glossy green, very tough and thin; the flesh is dark red, very crisp, no strings and most delicious in taste. A splendid shipper, always commanding top prices wherever known. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.



Dixie



Augusta Rattlesnake



Sweet Heart



MUSTARD

CULTURE. For early salads sow in a medium hot bed in March, and for a general crop at intervals through the spring, in rows six to eight inches apart, and rather thickly in the rows. Cut it when four inches high.

Southern Giant Curled. (50 days) This is very highly esteemed in the South, where the seed is sown in the fall, and the plants used very early in the spring as a salad. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Fordhook Fancy. (50 days) This is the finest of all mustard, curled like an ostrich plume. In fact it is sold under the name of "Ostrich Plume," splendid flavor, can be cooked any time of the year just like spinach and by many is considered far superior. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

OKRA

CULTURE. Seed should be soaked before planting to insure quick and even germination, sow in rows 2 to 3 feet apart and thin to 12 to 18 inches in the row. Gather pods when young. It is delicious in soups.

White Velvet. (50 days) A very popular variety producing long smooth white pods of excellent flavor, very prolific. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts.

Perkins Mammoth Pod. (60 days) A new variety having enormous ridged pods, light green in color, very early and prolific. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts.



Onion Sets

MUSHROOMS

Mushrooms are considered a great delicacy by everyone and are always in much demand at fancy prices. Many are devoting their spare time to mushroom culture and are getting big returns for their labor. Nearly everyone has some unused place that might be devoted to mushroom growing. They can be grown in dark rooms, caves, cellars or under greenhouse benches, where the temperature can be maintained at from 50 to 60 degrees.

We furnish with each order a leaflet giving complete cultural directions. One brick is required for ten square feet of bed. It is put up in bricks weighing about $1\frac{1}{4}$ lbs. each.

Lambert's Pure Culture Spawn. A new departure in the cultivation of mushroom spawn. This method insures the reproduction of a certain type, free from all inferior sorts, that will largely increase the yield and produce the very best mushrooms. 40 cts. per brick, 2 for 70 cts. By express, 5 bricks for \$1.25, 10 bricks or over at 20 cts. per brick.



Giant
Southern
Curled

ONION SETS

The chief value of onion sets lie in the quickness of their being ready for the table. For green onions much time can be gained by their use.

CULTURE. Onion sets should be planted out as early as the ground is dry enough to work; plant them in rows one foot apart with sets three or four inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July. Plant 12 to 15 bushels to the acre.

Price subject to market changes. Write for quotations on large quantities.

Yellow. Qt. 30 cts. By express, pk. \$1.25, bu. \$4.50.

White. Qt. 35 cts. By express, pk. \$1.50, bu. \$5.00.

ONIONS

We have always taken great pains with our Onion seed and sincerely believe we have as fine strains as it is possible to produce. Onion was a short crop last season, consequently the supply is limited although it is of good quality.

CULTURE. A strong, deep, rich and loamy soil is most suitable for this crop. Muck beds well drained to the depth of two feet give large yields. A black sandy loam is also excellent. The ground should be heavily dressed with well rotted manure, and plowed a moderate depth, taking a narrow furrow in order to more thoroughly mix the manure with the soil; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order harrow it thoroughly and make as fine and level as possible; sow thinly in drills one-fourth inch deep and 14 inches apart.



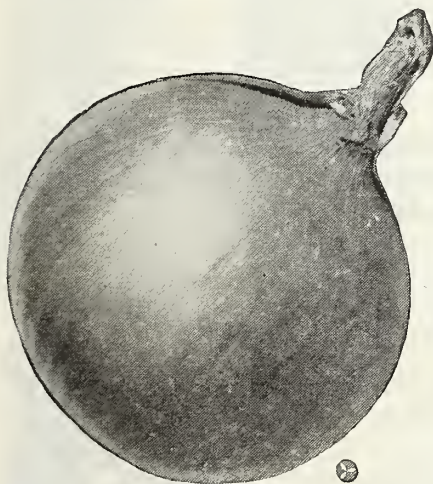
Ohio Yellow Globe

Keep the surface of the ground open and free from weeds but do not ridge up to the growing bulbs. *One ounce will sow 100 feet of drill four to five pounds per acre for large onions, 50 to 60 pounds for sets.*

Ohio Yellow Globe Danvers. (120 days) (Extra selected.) This is an extra fine strain of the Globe Danver Onion, true to type and superior to much seed sold under this name. It is of good shape and size and will produce all marketable onions. This variety makes a solid bulb and is one of the best of keepers. We confidently recommend it to growers. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50, 5 lbs. or more (not prepaid) at \$4.00 per lb.

Large Red Wethersfield. (100 days) This is a standard variety in the East. Large size; deep purplish red, flesh purplish-white, moderately fine grained and strongly flavored. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15, lb. \$3.50. By express, 5 lbs. or over at \$3.25 per lb.

White Silverskin, for Pickling. (95 days) This is a small silvery white onion, used almost entirely for pickling. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.



Southport Red Globe

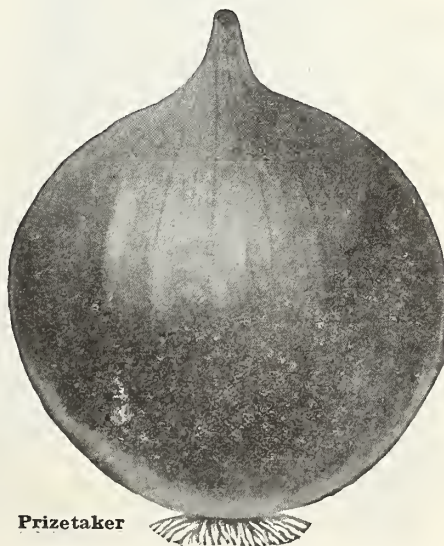
Mammoth Silver King. (80 days) A large white Italian variety. It matures early, and is of large size, flat, but thick. The skin is a beautiful silvery white, flesh white and of a mild, sweet flavor. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Southport Red Globe. (110 days) This is a handsome globe shaped variety, and deserving of general cultivation. It matures quite early, grows to a large size and is very productive; skin deep red; flesh fine grained. We offer a fine strain from selected bulbs. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.50. By express, 5 lbs. or more at \$5.00 per lb.

Prize Taker. (100 days) Although a very large onion it is hardy and a fair keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. They bottom well, are free from stiffnecks. It is very productive. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Southport Yellow Globe. (110 days) A bright yellow globe onion with mild flavor, productive and a good keeper. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.60, lb. \$5.50.

Southport White Globe. (120 days) A handsome onion of beautiful shape, clear, white skin, and commands the highest market price. To retain the white color they should be cured in the shade. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.60, lb. \$6.00.



Prizetaker



Extra Select Alaska

PEAS

CULTURE. Peas mature earliest in a light, rich soil; for general crop a moderately heavy soil is best. Commence sowing early varieties as soon as ground can be worked, continue for a succession every two weeks until June. Sow the early, second early and late varieties at same time for a succession. *One quart for 100 feet of drill; two to three bushels for an acre.* The wrinkled varieties are more susceptible to cold, wet weather than the small, round hard sorts, hence should not be planted very early except in warm, dry locations.

In comparing prices, please bear in mind that our prices are postage paid by us, on pints and quarts, and if ordered by express, purchasers may deduct ten cents per quart from prices named. Peck and bushel rates are by express or freight, purchasers paying charges.

EXTRA EARLY SORTS

Alaska. (45 days) An extra early hardy pea. Pods of perfect shape, well filled with smooth peas of unrivaled quality. Seed blue, height $2\frac{1}{2}$ feet. Pkt. 15 cts., pt. 35 cts., qt. 60 cts., pk. \$3.50, bu. \$12.00.

American Wonder. (55 days) An early wrinkled pea, growing from 9 to 12 inches high, and producing well filled pods of the finest flavor. Pkt. 15 cts., pt. 35 cts., qt. 65 cts., pk. \$3.50, bu. \$12.00.

Blue Bantam. (55 days) The dwarf, vigorous vines average fifteen inches in height and carry enormous crops of large, deep bluish-green pods. The handsome pointed pods, usually borne singly, measure four to four and one-half inches long and are tightly packed with eight to ten extra large luscious peas. This variety is considered by all who have tried it as being not only the most prolific but one of the best flavored dwarf peas that we offer. Pkt. 15 cts., pt. 45 cts., qt. 85 cts.

First and Best. (50 days) Pods well filled with round, smooth peas of excellent flavor. Extremely early, productive and hardy. Height $2\frac{1}{2}$ feet. Pkt. 15 cts., pt. 35 cts., qt. 60 cts., pk. \$3.50.

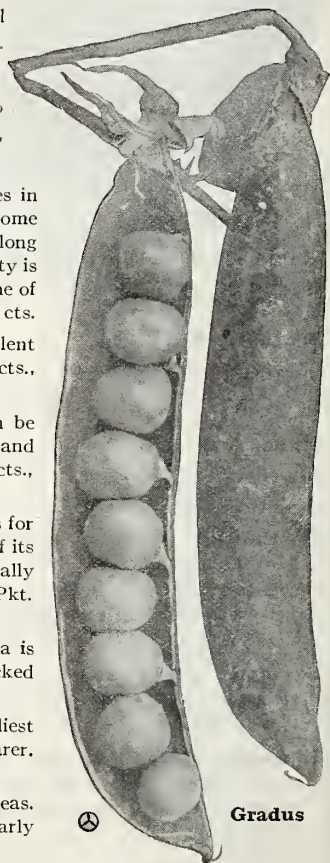
Gradus. (55 days) An early wrinkled pea, which is very hardy and can be planted extremely early. The vine grows about $2\frac{1}{2}$ feet high. Pods large and well filled with good sized peas. One of the earliest. Pkt. 15 cts., pt. 35 cts., qt. 65 cts., pk. \$4.00.

Little Marvel. (53 days) This variety has become one of the standard sorts for an extra early pea. It is especially popular with market gardeners because of its extreme earliness and productiveness. The large dark green pods are usually borne in pairs. Very dwarf, vines growing only 15 to 18 inches high. Pkt. 15 cts., pt. 35 cts., qt. 65 cts., pk. \$4.00.

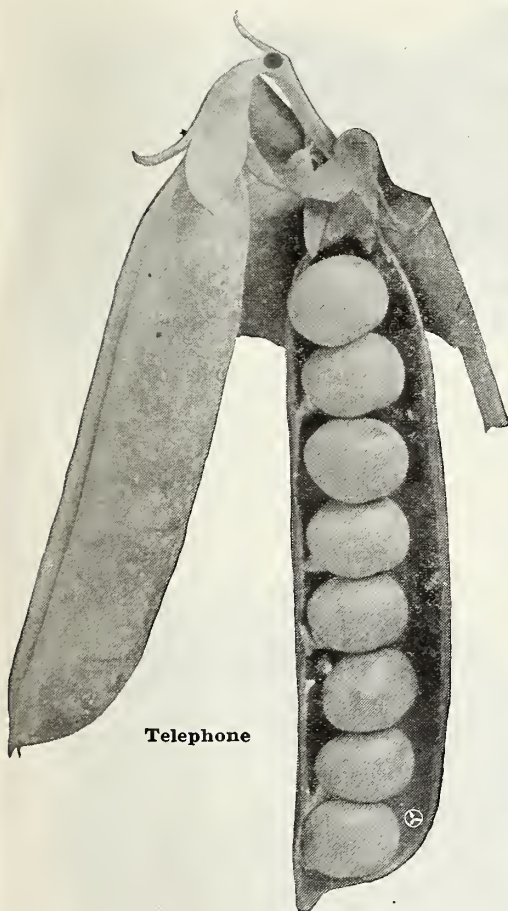
Nott's Excelsior. (52 days) This excellent dwarf wrinkled extra early pea is robust and vigorous and produces in profusion handsome pods, closely packed with large peas of fine flavor. Pkt. 15 cts., pt. 35 cts., qt. 60 cts., pk. \$3.50.

Premium Gem. (55 days) Grows about 15 inches high, and is among the earliest dwarf, green wrinkled sorts. The quality is unsurpassed; an abundant bearer. Pkt. 15 cts., pt. 35 cts., qt. 55 cts., pk. \$3.75.

Thomas Laxton. (50 days) One of the largest podded of the dwarf peas. Matures with the earliest and is of a delicious flavor. A grand pea for early market or home use. Pkt. 15 cts., pt. 40 cts., qt. 75 cts., pk. \$4.00.



Gradus



Telephone

SECOND OR MEDIUM EARLY SORTS

McLean's Advancer. (60 days) A green, wrinkled variety, about 2½ feet high, with pods abundantly produced, and filled to the end; of excellent flavor. A first-class pea in every respect. Pkt. 15 cts., pt. 35 cts., qt. 55 cts., pk. \$3.50, bu. \$12.00.

Dwarf Telephone or Daisy. (65 days) A medium late pea of dwarf, stocky habit, healthy vigorous growth, and productive, bearing large, handsome pods and peas of highest quality. Pkt. 15 cts., pt. 35 cts., qt. 60 cts.

Everbearing. (60 days) Grows about 20 inches high; pods of good length; peas very large, wrinkled and in quality unsurpassed. For continuance and profusion of bearing this variety is unexcelled. Pkt. 15 cts., pt. 35 cts., qt. 55 cts.

Horsford's Market Garden. (60 days) A grand wrinkled sort and a prolific bearer. Pods of medium size; peas of a delicious sweet flavor. Two feet high. Pkt. 15 cts., pt. 35 cts., qt. 55 cts., pk. \$3.50, bu. \$12.00.

Roger's Dwarf Champion. (65 days) This new pea is one of the finest sorts we have ever tried. Vines make a healthy dark green growth and are well loaded with pods. The peas which are borne crowded in medium sized pods are of the highest quality, possessing the rich flavor of the Champion of England. The growth is very dwarf requiring no support. Pkt. 15 cts., pt. 35 cts., qt. 65 cts., pk. \$3.75, bu. \$14.00.

LATE OR MAIN CROP

Alderman. (72 days) This is an English variety very similar to improved Telephone. Pods are darker than Telephone and borne in great clusters; one of the very best late sorts. Splendid flavor and large peas. Pkt. 15 cts., pt. 35 cts., qt. 60 cts., pk. \$4.00.

Champion of England. (75 days) One of the richest and best flavored peas grown; height three to four feet, seed wrinkled, whitish green and much shriveled. Pkt. 15 cts., pt. 35 cts., qt. 60 cts., pk. \$3.50, bu. \$12.00.

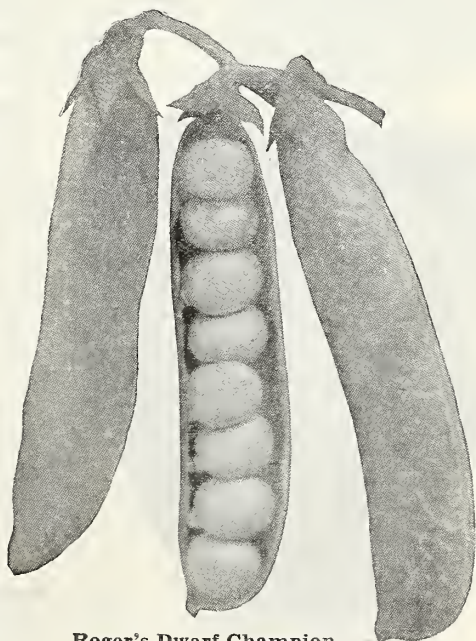
Improved Stratagem. (68 days) One of the finest dwarf wrinkled peas. Their quality is unsurpassed, vines grow to a height of eighteen or twenty inches, do not require sticking and are loaded with pods that are crowded with immense dark green peas. Pkt. 15 cts.

Telephone. (70 days) One of the finest tall wrinkled marrows yet introduced. Vine strong, producing abundantly. The pods are of large size and filled with large delicious peas. Height three to four feet. Pkt. 15 cts., pt. 35 cts., qt. 60 cts., pk. \$3.50.

White Marrowfat. (85 days) Cultivated more extensively for a summer field crop than any other; pods long, round and filled with large smooth white peas; very productive. Height three to four feet. Pkt. 15 cts., pt. 30 cts., qt. 55 cts., pk. \$3.00, bu. \$10.00.

FIELD PEAS

Canada Field. (White Seeded.) Valuable for soiling purposes. Sow at the rate of two to three bushels per acre; also sow with oats for green feed; are now quite extensively used for this purpose. Pk. \$1.50, bu. \$5.00.



Roger's Dwarf Champion

PARSNIP



Hollow Crown Parsnip

For a Winter and Spring vegetable, Parsnips are both appetizing and healthful. Of the many varieties grown, we have selected the one we offer as best for every purpose.

CULTURE. *One ounce will sow 200 feet of drill; five pounds for one acre.* Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike carrots they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required.

Hollow Crown or Long Smooth. (85 days) Roots oblong, ending somewhat abruptly with a tap root; best variety for general use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

PARSLEY

One ounce to 150 feet of drill. Sow in drills one foot apart, in rich, mellow soil; soak the seed 12 hours before sowing, which should be done in early spring, as they are very slow to germinate. When one or two inches high thin out the plants to six inches apart in the rows. Used as a garnish for table, also in soups.

Champion Moss Curled. (65 days) A compact growing finely cut and beautifully curled variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

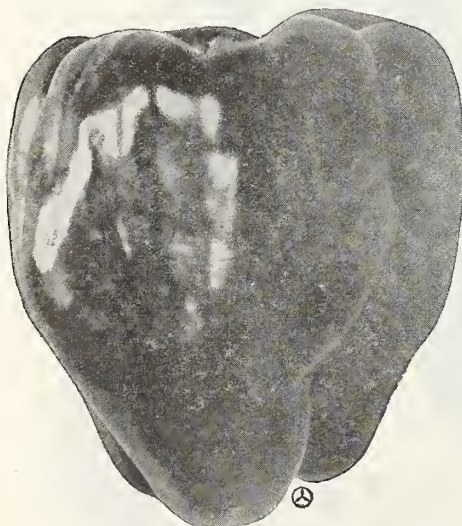
Hamburg. 100 days (Turnip rooted.) The root is the edible portion and is extensively used for flavoring soups, etc. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

PEPPERS

CULTURE. Sow in a hot bed in April and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows 18 inches apart. They may also be sown in the open ground when the danger of frost is past and the soil is warm and weather settled. Thorough and frequent cultivation should be kept up until frost, by this means you can have a continuous crop. *One ounce will produce 2,000 plants.*

Chinese Giant. (130 days) The largest of all the peppers and early. Grows from four to five inches across at the base and equally as long, divided into four large sections. Fruits are of a thick chunky form, very thick and meaty. Fine for stuffing and makes excellent salads. Pkt. 15 cts.

Early Neapolitan. (120 days) The earliest large pepper. The strong vigorous plants are completely laden with long handsome fruits. The skin and flesh are bright red; they are thick-meated, sweet and mild. For market-gardeners and pickling establishments it is of incalculable value. Pkt. 10 cts., oz. 50 cts.



Chinese Giant

Giant Crimson. (130 days) A vigorous and upright growing plant with large fruits, and is more productive than any other pepper on the market. They ripen earlier than any of the very large fruited sorts, and average heavier as the flesh is unusually thick. The fruits are a deep crimson color and of mild flavor. Pkt. 10 cts.

Red Cayenne. (125 days) A long slim pod, rather pointed and when ripe of a bright red color, extremely strong and pungent. Used for pickling and pepper-sauce. Pkt. 10 cts., oz. 50 cts.

Ruby King. (130 days) A large and handsome variety. When ripe they are of a beautiful ruby red color, and are always remarkably mild and pleasant to the taste. Pkt. 10 cts., oz. 60 cts.

Sweet Italian. (135 days) This is a sweet thick fleshed variety, one of the principal sorts used in a green state. Light, glossy green before turning red. Pkt. 10 cts.



HERBS

Herbs, in general, delight in rich, mellow soil. Sow early in the spring in shallow drills one foot apart; when up a few inches thin out to proper distances or transplant.

Balm. Used for making balm tea for fevers and balm wine. Perennial. Pkt. 5 cts.

Caraway. Cultivated for the seeds, which are used in cakes, confectionery and medicine; the leaves for soups. Biennial. Pkt. 5 cts., oz. 15 cts.

Catnip or Cat-Mint. A hardy perennial, well known as a valuable mild nervine for infants. Sow in fall or early spring, in drills 20 inches apart. Perennial. Pkt. 5 cts.

Dill. An annual, cultivated for its seeds, which have an aromatic odor and warm, pungent taste. They are used as a condiment, and also with pickling cucumbers. Pkt. 5 cts., oz. 15 cts.

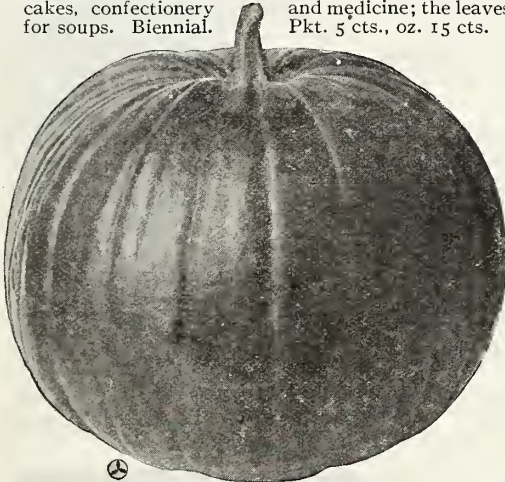
Horehound. A perennial herb with a strong, aromatic smell and a bitter pungent taste. It is a tonic and enters largely into the composition of cough syrups and lozenges. Pkt. 5 cts.

Lavender. A popular aromatic herb. Sow seed thickly and early as it is slow to germinate. Pkt. 5 cts.

Summer Savory. Used principally for seasoning. Annual. Pkt. 5 cts., oz. 15 cts.

Sweet Marjoram. Used as a relish in soups, broths, dressings, etc. Perennial. Pkt. 5 cts., oz. 15 cts.

Thyme. The young leaves are used for soups, dressings and sauce. Perennial. Pkt. 5 cts.



Large Yellow Field

PUMPKINS

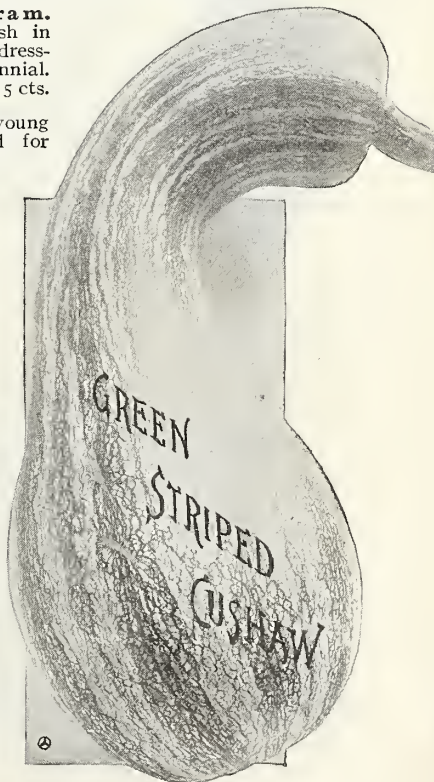
CULTURE. Plant in good soil, when the ground has become warm, in hills eight to ten feet apart each way, or, as the general practice is with corn, in about every fourth hill. *Three pounds per acre alone or about one pound with corn.* The seeds weigh about 12 ounces to the quart. For remedy against bugs, see cucumbers.

Green Striped Cushaw. (75 days) This is one of the finest pumpkins in existence; a long, crooked neck, terminating in a round or oblong end, enclosing a very small seed cavity; flesh surrounding seed cavity very thick. The neck is absolutely solid, rivaling the finest sweet potatoes for baking, or as a pie sort, it has no equal. Splendid keeper. Pkt. 5 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50.

Large Yellow Field. (90 days) A large yellow variety. The best for field culture. Pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. \$1.00. By express, 5 lbs. or more at 90 cts.

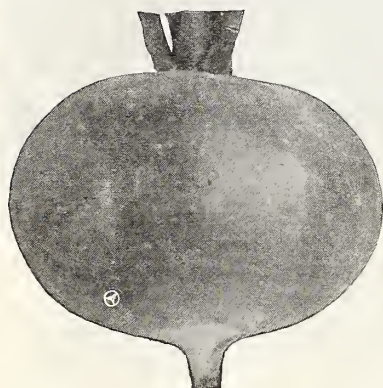
Sugar. (65 days) This is a handsome and prolific variety of small size; the skin is a deep orange yellow. It is fine grained in flesh, sweet in taste and an excellent keeper. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.25.

Tennessee Sweet Potato. (70 days) Resembles a sweet potato in shape, medium sized; flesh a creamy white with orange skin. Very fine grained and of fine flavor. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.25.



RADISH

CULTURE. One ounce will sow 100 feet of drill, ten pounds required for one acre. For the first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season for a succession. A warm, sandy loam, made rich and light by some good strong manure, will be most likely to afford them brittle and free from worms. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.



Crimson Giant

remain solid longer. Shape is round to oval, and very attractive. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Early Round Scarlet. (25 days) A small round, red turnip-shaped radish, with a small top, and of very quick growth. An early variety, rich color, crisp and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



**Scarlet
Olive Shaped**

Early Long Scarlet. (28 days) Grows six or seven inches long, half out of the ground; is brittle and crisp; color bright scarlet, small top; one of the earliest. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Early Scarlet Globe. (20 days) Fine for forcing and market gardening purposes. Shape roundish oval; large; brilliant red; flesh white, solid, crisp and mild. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Early Scarlet Olive. (20 days) This is an excellent deep red, olive shaped forcing sort, typical in its very small tops and early maturing roots, which should be pulled just as soon as in condition. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

French Breakfast. (25 days) A splendid half-long variety of medium size, crisp and tender, of a beautiful scarlet color, with a white tip. One of the best and most popular radishes grown. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Icele. (25 days) This radish grows about four inches long, is of transparent whiteness with short leaves, and makes its growth quickly. It is of most excellent flavor and equally desirable for home use and market. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Round White Tip Scarlet. (21 days) An early variety of medium size and excellent flavor, and of handsome appearance. The best of the round varieties. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

White Strassburg. (48 days) An excellent summer variety. Pure white, firm and brittle, and of fine quality. Withstands hot weather best of any sort. Slow to become pithy. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Saxa. (20 days) (See back cover illustration.) This new radish is of the popular turnip shape and is our favorite in this class. It has an attractive bright scarlet color, flesh white, solid, crisp and tender. An ideal forcing sort making a quick growth with exceptionally small tops. For home use or market it is of the best. Pkt. 10 cts.



Cincinnati Market



Icele

WINTER RADISHES

Winter radishes are very easily raised and keep like turnips if stored for winter use. The following varieties are the most desirable. These require from two to three months to mature.

Long Black Spanish. (72 days) One of the latest and hardiest. Roots oblong, black, of large size and firm texture. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Rose China Winter. (60 days) One of the best fall and winter varieties, a favorite with market gardeners; bright rose color, flesh white and of superior quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



California Mammoth White. (65 days) Pure white. The flesh is tender and crisp and keeps well through the winter. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

RHUBARB or PIE PLANT

Sow in spring in seed bed, in drills two feet apart. Cultivate well during the season, and in the autumn or following spring transplant into deep rich soil, from three to four feet apart. The stalks should not be cut before the third year. For immediate use order the roots, which come into use at once.

Linnaeus. Large and tender; the very finest of all. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Roots. 15 cts. each; \$1.00 per 8 by mail.

SALSIFY or VEGETABLE OYSTER

CULTURE. Sow the seed early in spring, in drills one foot apart and one inch deep, thinning out the young plants to four inches. The roots will be ready for use in October, when a supply should be taken up and stored in moist sand in a cool room. Those remaining will suffer no injury by being left in the ground until spring. *One ounce to 100 feet. Ten to twelve pounds are required for one acre.*

Mammoth Sandwich Island. (95 days) The largest, smoothest and the very best in every way of all salsify. Pure white, very tender and of excellent quality. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

SPINACH

Mammoth Sandwich Island Salsify

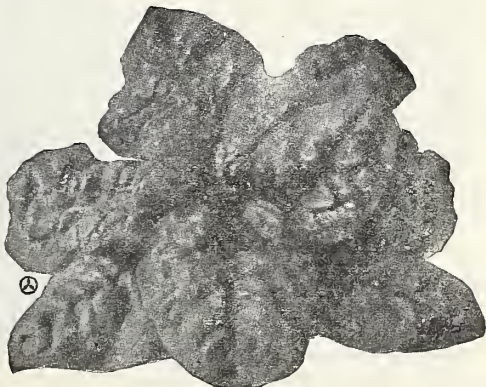
Spinach rapidly gains in favor as a spring and summer salad or "greens." In addition to its delightful qualities as a salad, it is said by many authorities to have splendid cleansing and medicinal properties.

CULTURE. Select very rich, well drained soil, sow in drills one foot apart and one inch deep; or it may be sown broadcast at rate of 30 pounds per acre. For spring and summer use make the first sowing early in spring and continue at intervals for two or three weeks, until the middle of June, sow in August and September for early spring use, and protect with a covering of straw during severe winter. *One ounce will sow 100 feet of drill or ten to twelve pounds to the acre.*

Round Thick Leaved. (45 days) One of the most popular with our market gardeners; leaves large, thick and fleshy; excellent for fall sowing, being very hardy. Pkt. 10 cts., oz. 20 cts.

Bloomsdale Savoy. (45 days) In some sections this is the best known variety. The leaves are crumpled or savoyed, hardy, standing out all winter south of the Ohio river. A very desirable market sort. Pkt. 10 cts., oz. 20 cts.

New Zealand Spinach. (55 days) (Tetragonia Expansa.) A strong growing summer variety. The young branches and leaves can be gathered at any time. Sow thinly in drills 15 inches apart after danger of frost is past. Pkt. 10 cts., oz. 20 cts.



Round Thick Leaf



SQUASH

Any good enriched soil is adapted to the growth of the squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm and thoroughly settled. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants to the hill. For remedy against bugs, see cucumbers.

We have complaints occasionally from customers as to their squash blossoms falling without fruiting.

The flowers of squash are distinctly imperfect, the male flowers are borne on fool stalks and in proportion of three to one female blossoms and fall after pollination.

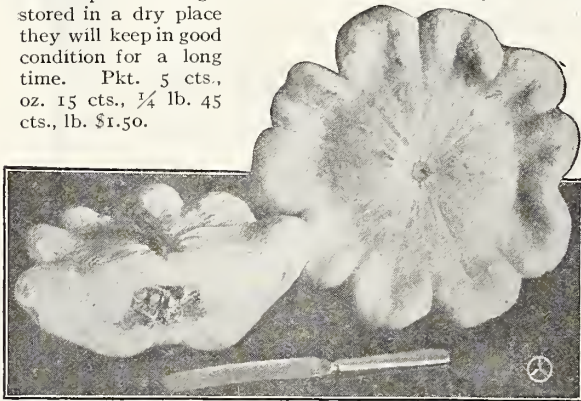


Giant Summer Crookneck

SUMMER VARIETIES

One ounce to 25 hills, four feet apart each way

Bush Fordhook. (55 days) In this new true bush type the plants can be grown much more closely together. The fruits are rather shorter and thicker than those of the running type; they are also thicker fleshed and have a smaller seed cavity. An important advantage is that any fruits not needed for summer use can be left to ripen on the plants and gathered for winter use. They are unsurpassed for baking, frying, or making pies, while stored in a dry place they will keep in good condition for a long time. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.



Mammoth White Bush

Mammoth White Bush. (50 days) Of all round scallop or patty pan squashes, this is the very best; not quite as early as Early White Bush, but far superior in size and quality. Sometimes known as vegetable marrow. Fruits round, white, deeply scalloped, lobes being in pairs; very tender and delicious. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.40.

Golden Custard Bush. (48 days) A valuable scalloped variety. The color is a golden yellow; it grows in bush form, is productive and of good quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Giant Summer Crookneck. (45 days) Bright yellow, a profitable sort for market, keeps bearing all summer. Plant farther apart than the other bush varieties. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

FALL AND WINTER VARIETIES

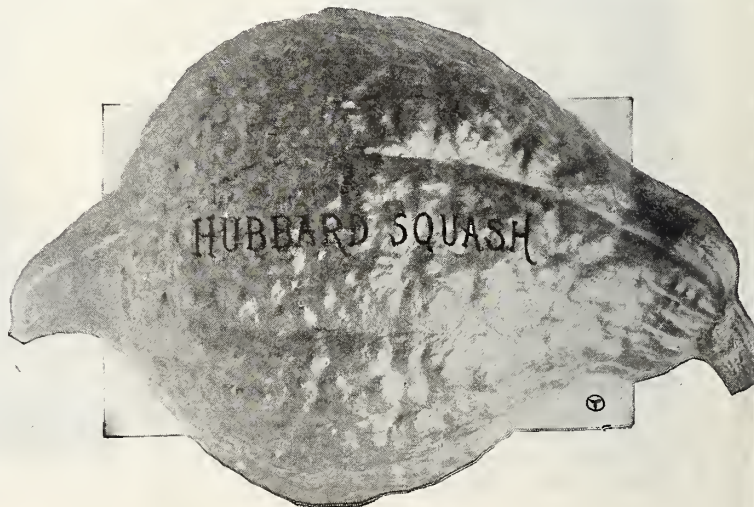
One ounce to 10 hills; two pounds per acre, eight or ten feet apart each way

If the winter varieties are not planted until the latter part of June they are more liable to escape the ravages of the borer.

Delicious. (60 days) A squash of the richest and finest quality known. It is of medium size, dark green in color and with very thick flesh which cooks dry, and is of superior flavor. Although a good fall variety it is in its best condition in the winter. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Golden Hubbard. (65 days) The color is a deep orange, tipped green at each end. The flesh is golden yellow, of excellent flavor and cooks dry. A good keeper; also can be used early in the green state. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Hubbard. (65 days) Skin deep olive green, flesh orange yellow. Sweet, rich flavored; keeps well through the winter; boils or bakes dry. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



TOMATO

Tomatoes are one of the principal crops in both the home and market garden. The use of poor faulty seed results in a disappointment to the grower and usually a financial loss as well. We spare no expense or trouble to have our seed grown only by experts and in localities where Tomatoes reach the greatest perfection.

CULTURE. Sow in hot beds during March, or from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes, setting them four or five inches apart; give them plenty of air and endeavor to secure a vigorous but steady and healthy growth, so that at the time of setting in the open ground they will be strong and stocky. Set out of doors as soon as danger from severe frosts is over. Seed may be sown in the open ground also at this time, and will make strong hardy plants, that will be excellent for late fruiting. *One ounce will produce three thousand plants.*



Bonny Best

Beauty. (115 days) Of large size and beautiful appearance. Glossy crimson in color with a purplish tinge. Very smooth and free from cracks. It grows in clusters of four and five; very solid. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Bonny Best. (88 days) Large smooth fruit of a rich scarlet red, the color demanded by many markets. Fruit thick with a small core, an excellent tomato for any purpose. Slices exceptionally well. Nearly globe shaped, slightly flattened at stem. Borne in clusters of 5 or 6 fruits, all ripening evenly together. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Chalk's Early Jewel. (95 days) This is a very productive variety, ripens nearly as early as Spark's Earliana, but is more desirable for home use as the fruits are thicker through and more solid; borne in large clusters. Color bright scarlet and quality good. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Dwarf Giant. (110 days) This new tomato we have tried out thoroughly and we must say that it is the finest dwarf tomato that we have ever seen. The fruits are large, smooth and of the finest quality. It is uniform in growth, foliage dark and produces an enormous crop of extremely solid fine flavored fruit. Color the pleasing purple-crimson so much desired in some markets. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

Dwarf Stone. (100 days) Of stout upright and compact growth. Fruit is as large as the late Stone, and of same color, a bright red, while it is as early as the other dwarf varieties, and like them may be planted much closer. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Golden Queen. (100 days) Solid, smooth, large and handsome sort; in fact by far the most beautiful yellow variety and of excellent quality. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

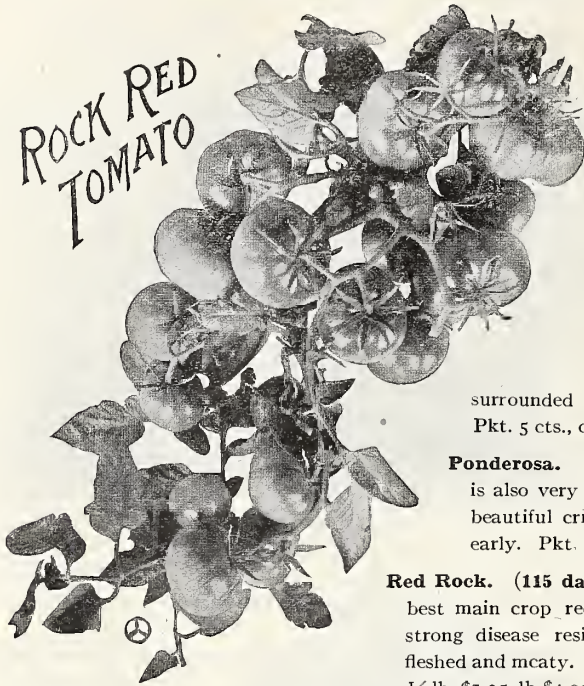


John Baer

John Baer. (85 days) This new exceptionally early tomato has won much praise from all who have tried it. It is very large, free from core and of an attractive bright red color. Very prolific, one plant often having from fifty to seventy-five fruits which are borne in clusters and ripen evenly clear up to the stem, never bursts. Unexcelled for early, home or market use. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Livingston's Globe. (95 days) Of globe shape, large size, always smooth, firm fleshed, with few seeds, and ripens evenly. The color is a fine glossy rose tinged with purple. Early. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

ROCK RED
TOMATO



TOMATO (Continued)

June Pink. (85 days) An early variety, similar in habit to the famous Earliana, differing only in its color, which is pink instead of red. Early, blight resisting, long and heavy yielding. An excellent shipper on account of its reasonably tough skin. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Livingston's Coreless. (110 days) All of the fruits are of marketable size. Always free from green core; ripens all over and through and right up under the stem, all at once. A grand, good slicing variety; the seed cells being surrounded by bright red, heavy, meaty and delicious flesh. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

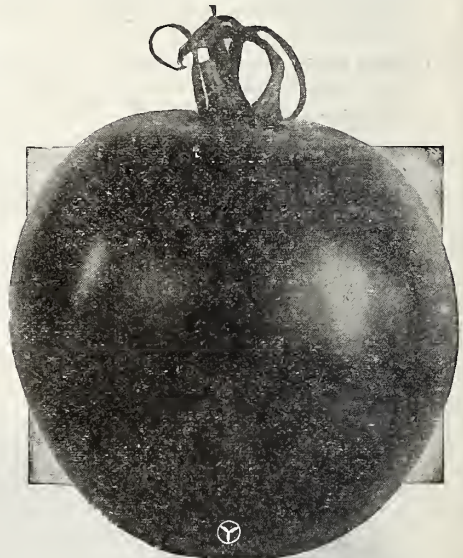
Ponderosa. (110 days) In addition to its ponderous size, it is also very solid, there being but few seeds. In color it is a beautiful crimson throughout. Although so large it is quite early. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.

Red Rock. (115 days) In Red Rock we believe we offer the very best main crop red tomato ever offered. Very prolific, borne on strong disease resisting plants, and of excellent quality, very thick fleshed and meaty. One of the heaviest yielders. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

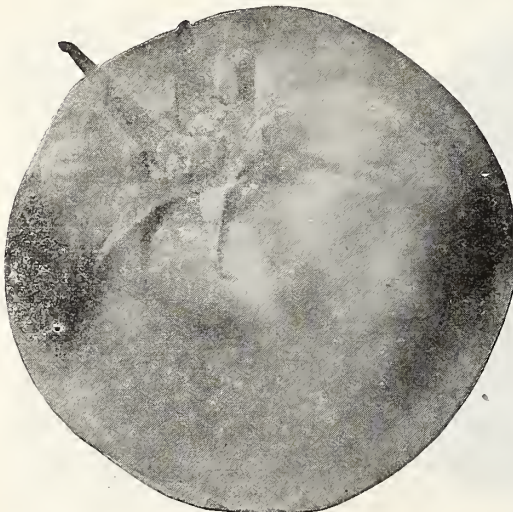
Spark's Earliana. (85 days) Remarkable for its earliness, large size, uniform shape, attractive red color, and productiveness. The fruit is solid, and the quality is all that could be desired. The leading early market variety. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Stone. (125 days) A fine tomato for main crop, for market or canning. The fruit is perfectly smooth, of a beautiful red color and very large. It ripens evenly, and is free from rot, even in wet seasons when other sorts have rotted badly. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

Red Pear. (95 days) Beautiful red pear shaped fruits borne in large clusters. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.



Livingston's Coreless



Stone

Yellow Pear. (95 days) Fruits a clear, handsome yellow. Very sweet and free from acid. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

The choicest Tomatoes are obtained by training the plants to stakes and keeping them pruned. Use stakes two inches square, five or six feet long. The main stem and two branches should be saved, cutting the others off just beyond the first cluster of blossoms. This treatment allows all the fruits to develop to perfection and none are lost from rotting on the ground.



White Egg

TURNIP

One ounce sows 100 feet of drill.

Two pounds per acre in drills 12 to 15 inches apart; one pound two feet apart; three pounds broadcast.

Turnips do best in a highly enriched, sandy, gravelly, or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to six or eight inches in rows. For a succession, sow at intervals of a fortnight until the last week in May, and from the last of July to the end of August sowing may be made for the fall and main crops.

WHITE FLESHED SORTS

Early White Flat Dutch. (40 days) An early white fleshed strap-leaved variety; of quick growth, mild flavor and excellent quality; also grown for a fall crop. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Early Purple Top Strap-Leaved. (55 days) This is very similar to the Early White Flat Dutch, except in color being purple or dark red on top. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

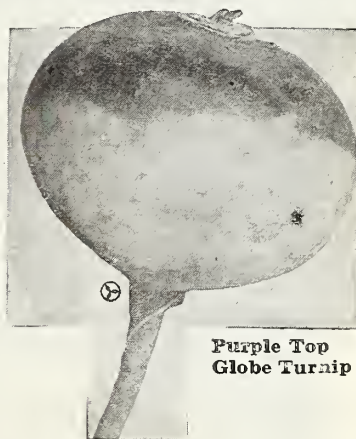
White Egg. (50 days) Of rapid growth, egg-shaped, with white skin. Solid, firm, fine grained flesh, of sweet mild flavor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Purple Top White Globe. (70 days) Of globular shape, very handsome, and of superior quality, either for table or stock. It is early, of rapid growth and an excellent keeper. A popular market sort. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.25.

YELLOW FLESHED SORTS

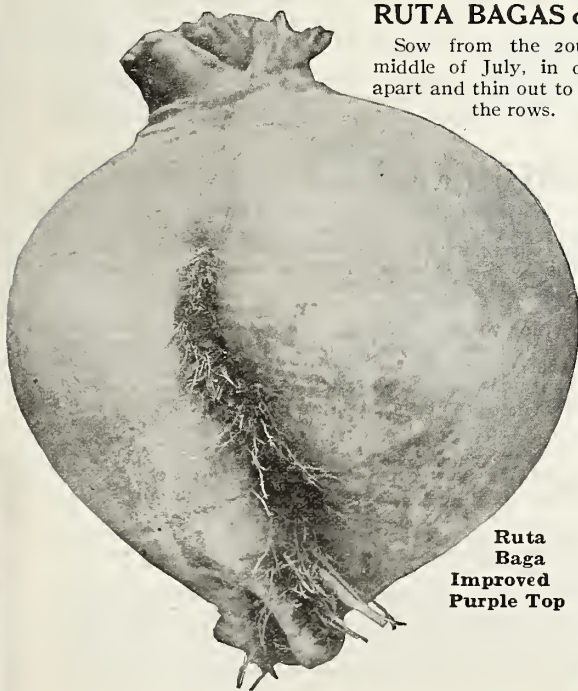
Orange Jelly or Golden Ball. (70 days) One of the sweetest yellow-fleshed turnips. Not of large size, but firm, hard and of most excellent flavor; egg-shaped. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Yellow Globe. (75 days) One of the best for general crop, flesh firm, and sweet; grows to a large size, excellent for table use or for feeding stock. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Purple Top
Globe Turnip

RUTA BAGAS or SWEDES

Sow from the 20th of June to middle of July, in drills two feet apart and thin out to eight inches in the rows.

Ruta
Baga
Improved
Purple Top

Improved Purple Top Ruta Baga. (95 days)

One of the best of the Swedes; hardy and productive; flesh yellow, sweet and well flavored; shape slightly oblong, terminating abruptly, color purple above and yellow under the ground; rich in flavor. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Large White Ruta Baga. (90 days) (Sweet Russian.)

This variety is most excellent either for table or stock. It grows to a large size; flesh white, solid, firm texture, sweet and rich; keeps well. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

TOBACCO

Connecticut Seed Leaf. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Havana Imported. Pkt. 10 cts., oz. 30 cts.

LAWN GRASS SEED



(From Photograph)

At prices quoted by the pound to three pounds we pay postage.
Larger quantities at purchasers expense, by freight or express.

Velvet Sod Mixture. This is a mixture made expressly for lawns and has produced some wonderful results. One pound will seed about 300 square feet, 80 to 100 pounds are required for one acre. Old lawns are greatly benefited, if in the Spring they are carefully raked, removing the dead grass and leaves that may be upon them, then liberally sprinkled with Velvet Sod Mixture, after which they should be thoroughly rolled with a heavy hand roller. Instructions for making and caring for lawns are packed in every package.

Velvet Sod Mixture. This mixture is carefully prepared and blended by ourselves and is composed of the choicest varieties of dwarf, close growing grasses especially suited for this purpose. On ground properly prepared, this seed will quickly make a neat velvety lawn and a permanent sod. Weighs about 25 pounds to the bushel. Lb. 45 cts., 3 lbs. \$1.25. By express, 5 lbs. at 30 cts., 20 lbs. or over at 25 cts.

Velvet Sod Mixture for Shaded Places is made up of a variety of grasses especially adapted to growing in shaded situations. When seeding under trees plenty of fertilizer should be used to replace the plant food already consumed by the trees. Bone-meal is beneficial and safe to apply. Lb. 50 cts., 3 lb. \$1.35, postpaid. By express, 5 lbs. at 35 cts., 20 lbs. and over at 28 cts.

STORRS & HARRISON'S RE-CLEANED GRASS and CLOVER SEEDS

We handle only the cleanest and finest grades of grass seeds procurable. Seeds of this nature are subject at all times to fluctuation in price, and as values are based on quality please remember in comparing prices that we handle only the best grades. Our grass seed will more than pass any **State requirement** as to purity and will satisfy the most critical buyers. Prices by the pound and three pounds are postpaid. **We do not guarantee prices on Grass and Clover Seeds.** Prices herein are based on values at the time this catalogue went to press and are subject to fluctuation with the market.

Kentucky Blue Grass, Fancy Clean. Also known as June Grass, a valuable variety for lawns when mixed with other grasses, and especially valuable as a pasture grass. *About three bushels to the acre for pasture*, 14 pounds to the bushel. Lb. 40 cts., 3 lbs. \$1.25, 10 lbs. and over at 25 cts.

Red Top Grass. Grows well in almost any soil and is valuable either for meadows, pasture or lawns, especially so for moist land. *About two bushels sow an acre*, 14 pounds to the bushel. Lb. 30 cts., 3 lbs. 80 cts., 10 lbs. and over at 13 cts.

Red Top Fancy: Re-cleaned seed, 32 lbs. per bushel. Lb. 40 cts., 3 lbs. \$1.10, 10 lbs. and over at 20 cts.

English or Perennial Rye Grass. A nutritious, quick-growing grass for meadows and pastures. It does well on sloping banks, as its roots are fibrous and mat-like. 24 pounds to the bushel. Lb. 25 cts., 3 lbs. 70 cts., 10 lbs. and over at 12 cts.

Orchard Grass. A valuable grass for pastures, for sowing in orchards or shady places. It grows rapidly and does not suffer from close feeding. *When sown alone three bushels should be sown to the acre*; 14 pounds to the bushel. Lb. 40 cts., 3 lbs. \$1.10, 10 lbs. and over at 30 cts.

Meadow Fescue or English Blue Grass. Especially suited for permanent pasture and is also fine for hay. Grows two to three feet high but not in tufts like Orchard Grass. The hay is very nutritious and cattle thrive on it whether dry or green. Succeeds even in poor soil, and as the roots penetrate deep, from 12 to 15 inches, it takes extremely dry weather to affect it. As a fertilizer it has valuable properties. It will stand freezing very effectively and its use is becoming more widespread each year. *About 24 pounds of seed are sown to the acre.* Lb. 40 cts., 10 lbs. or over at 28 cts.

GRASS AND CLOVER SEEDS (Continued)

Clover Seed. **Alfalfa or Lucerne.** For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots deeply into the earth. On land that is not naturally rich it needs fertilizing to help it get started. If there is no lime in the soil a top dressing of it should be given when the land is plowed. It should be mowed often enough during first season to keep the weeds down, being careful to cut above the crowns of the Alfalfa plants. Not adapted to low wet land. Lb. 45 cts. Write for samples and prices on larger quantities. *Sow early in spring or fall at rate of 20 pounds per acre.*

Alsike or Swedish. An excellent variety, of luxuriant growth and very sweet; valuable for pasturage or ensilage especially on moist land; makes good bee forage; *sow five to six pounds per acre.* Lb. 45 cts. Write for prices on larger quantities.

Scarlet or Crimson Clover. Brilliant scarlet flowered annual, very productive and greedily eaten by cattle, remains green longer than the red variety, and is excellent for bee food. Largely used for green manuring, sown in August it may be plowed under the following June; *sow 15 pounds per acre.* Lb. 45 cts. Write for prices on larger quantities.

White Dutch Clover. Excellent for lawns in mixtures with grasses. A good pasture clover. *Sow at the rate of 6 to 8 pounds per acre.* Lb. 75 cts., 5 lbs. and over, by express, at 60 cts.

MISCELLANEOUS FARM SEEDS

Prices per single pound are postage paid by us; in larger quantities, by express or freight purchaser pays charges. Prices subject to market changes.

Catalpa Speciosa. Of all the trees that have been suggested as adapted to the formation of timber plantations this hardy Catalpa stands pre-eminent. Its exceedingly rapid growth; its wide range of latitude, extending from Canada to the Gulf of Mexico; the freedom from disease and insects; the most imperishable nature of the wood when used for posts, railroad cross ties, and in other exposed situations, all point to the Catalpa as the tree to plant. Oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

Kaffir Corn. (**Red Seeded.**) An excellent fodder plant, either green or dried. It grows from five to six feet high and is well furnished with wide foliage that is greatly relished by cattle. Plant the rows three feet apart, leaving four to six plants to every foot of drill. Planted in this manner *five pounds will sow an acre.* Lb. 25 cts. Write for prices on larger quantities.

German Millet. No other plant that has yet been introduced for grass or forage has been able to produce anything approaching the enormous yield of Millet when grown under favorable circumstances. The seed we offer is genuine Tennessee grown, of the finest quality. There is a wonderful difference in true Southern grown Millet when compared with the cheap Western grown. True Southern Millet will produce double the amount of hay produced from Western grown seed. *Sow for feed one bushel to the acre.* Lb. 25 cts., 10 lbs. at 8 cts., 50 lbs. and over at 6 cts.

Japanese Millet. This grows six to eight feet high, stands remarkably well, and yields from 10 to 12 tons green fodder per acre. An excellent crop for the silo. It may be sown from the middle of May to the first of July, *broadcast, at the rate of 15 pounds per acre.* Lb. 25 cts., 10 lbs. by express at 10 cts., 50 lbs. and over by express or freight at 8 cts. per lb.

Rape. (**Dwarf Essex.**) Extensively grown for forage, especially for sheep; makes excellent green feed for poultry. They can be turned into it within six or eight weeks after sowing. Cattle and sheep are apt to bloat if the leaves are wet or they are turned in hungry and allowed to fill themselves. Sow in June or July, in rows two and one-half feet apart, at the rate of *five pounds seed per acre*, or may be sown broadcast at the rate of *eight pounds per acre*; it may be sown in April for an early crop with oats, this rape making a rapid growth after the oats are cut. Lb. 40 cts., 3 lbs. \$1.00, 10 lbs. and over at 20 cts., 50 lbs. and over at 18 cts.

Hairy Vetch. (**Vicia Villosa.**) This legume is rapidly springing into favor in the North as a fall soiling crop. Can be sown during September and October, after most crops are off. Grows luxuriantly and is one of the greatest nitrogen gatherers. Requires no special soil preparation, neither is it particular as to soil, and is therefore very valuable for bringing up poor land. Makes a valuable and nutritious hay. If used for this purpose it should be cut in the spring when the seed pods which resemble small peas are just forming. Its feed value is equal pound for pound with prime wheat bran. *Sow broadcast, at the rate of thirty to forty pounds to the acre.* Lb. 45 cts., 3 lbs. \$1.00. Write for prices on larger quantities.

Sugar Cane. (**Early Amber.**) The standard variety for the North. The beautiful amber-colored syrup it produces is thought to be superior in flavor to any other; and for sugar is unsurpassed. Valuable as a forage plant. Makes excellent milk-producing feed either green or dry. *Six pounds are required per acre in rows, or 40 to 50 pounds broadcast or drilled.* $\frac{1}{4}$ lb. 15 cts., lb. 30 cts., 25 lbs. and over at 9 cts.

Special Mixtures. We are prepared to make special mixtures for Golf Links, Terraces, etc. Write us your wants and get prices.

Special Grass Seed Mixtures **FOR PASTURE AND MEADOW.** To meet the increasing demand for grasses for permanent pasture and meadows we have made the following mixtures suitable for different soils and conditions. No one sort will do well on all kinds of soil; some do best on high and dry ground and in dry weather, and others on low ground with plenty of moisture. Very heavy yields of hay and pasture are reported from these mixtures. If you are in need of a mixture for hay or pasture, either permanent or temporary, please write us stating condition of soil, and for what purpose it is wanted, and we will make up a mixture for you, which we think will be satisfactory.

MEADOW MIXTURE. *Sow 30 pounds per acre.*

For high and dry land 30 lbs. for \$5.50

For wet, late land 30 lbs. for 4.50

For medium, dry land 30 lbs. for 4.50

The above quantities are the least that should be sown under any conditions, they might be increased one-half or more with advantage.

PASTURE MIXTURE. *Sow 30 pounds per acre.*

For high and dry land 30 lbs. for \$6.00

For wet, late land 30 lbs. for 5.00

For medium, dry land 30 lbs. for 6.00



Hairy Vetch

PLANET Jr. GARDEN IMPLEMENTS

Planet Jr. Tools are the greatest time, labor and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops, and last a lifetime. Fully guaranteed.

72-page Planet Jr. Catalog Free. Describes 70 tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard and Beet Cultivators. **Write postal for it.**



**No. 4 Combined Seed Drill,
Single Wheel Hoe, Cultivator
and Plow**

Price, \$17.00
As a Seeder only
(No. 4D) \$13.50

THIS admirable tool combines in a single convenient implement a capital hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder sows in continuous rows or drops in hills at five different distances. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.



**No. 25 Combined Hill and
Drill Seeder, Double Wheel
Hoe, Cultivator
and Plow**

Price, \$20.00

THIS combined machine is intended for a class of gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate wheel hoe. As a wheel hoe it is identical with the No. 12 Double Wheel Hoe, the best machine on the market. The change from drill to wheel hoe takes but a moment, and the entire combination is one we can recommend and guarantee satisfactory.



**No. 31 Combined Drill and
Single Wheel Hoe**

Price, \$11.50

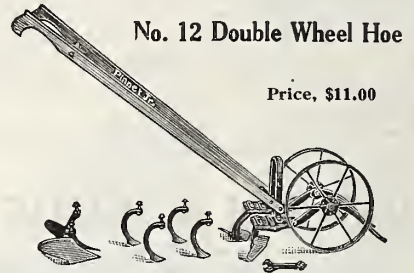
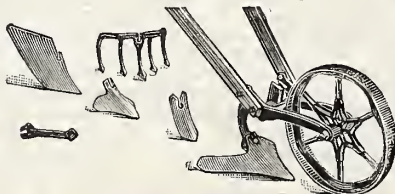
As a Seeder only
(No. 31D) \$9.25

NO. 31 PLANET JR. is a new combined tool of great value to thousands of gardeners who have never felt able to own either a seed drill or a wheel hoe. It is thoroughly well-made and offered at a price that makes it pay the smallest gardener.

No. 33 Planet Jr. Single Wheel Hoe

The No. 31 without Seeder

Price, \$5.50



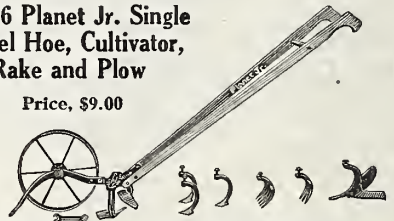
No. 12 Double Wheel Hoe

Price, \$11.00

THIS perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. The tools shown and sold with No. 12 are what gardeners use most, and others can be added as wanted.

**No. 16 Planet Jr. Single
Wheel Hoe, Cultivator,
Rake and Plow**

Price, \$9.00



THE highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.



**No. 17 Single Wheel Hoe,
Cultivator, Rake and Plow**

Price, \$7.50

THIS single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. The tools are a well-shaped plow for marking out, plowing, covering, and late cultivation; a pair of 6-inch shield hoes and three all steel patent cultivator teeth.



**No. 19 Planet Jr. Single
Wheel Hoe**

Price, \$5.50

THE whole combination will delight the suburbanite or the boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.



SELECTED FLOWER SEED

35



*"God made the flowers to beautify
The earth and cheer man's careful mood;
And he is happiest who hath power
To gather wisdom from a flower,
And wake his heart in every hour
To pleasant gratitude."* —Wordsworth.

IN THE preceding pages we have emphasized the care and attention used in the production of our Vegetable seeds. We are every bit as particular in the selection of our Flower seeds and feel with a justified pride that the strains we are offering our customers are the finest it is possible for the foremost growers of Europe and America to produce.

To most people the botanical names are confusing and do not mean nearly as much as the common names by which they have always known flowers. We have endeavored to eliminate so far

as possible, in the succeeding pages, the use of all confusing names and useless terms.

With the buyer's interest at heart we have shunned all worthless and undesirable sorts and offer only thoroughbred varieties which possess individual merit and are easily grown by anyone. These we offer in the succeeding pages accurately classified as to hardiness and duration. To further guide the planter and make the results of his efforts more certain, clear and concise cultural directions are printed on each packet of seed.

Flowers are usually known as **Annuals**, **Biennials** and **Perennials**.

Annuals bloom and ripen seed the first year and then perish.

Biennials do not generally bloom the first year and are in perfection the second year only.

Perennials flower several years in succession, many blooming the first year from seed sown early, and are used for permanent plantings.

Hardy Perennials and **Biennials** may be sown either in early Fall or Spring and require no protection through the Winter. **Hardy Annuals** may be sown either in late Fall or Spring.

Half Hardy Annuals, **Biennials** and **Perennials** can not be sown in open ground until warm weather; they may if desired be started early inside and transplanted afterwards. The latter two need protection in Winter or may be carried through in cold frames or greenhouses.

We are often asked to name the various Flowers suitable for cutting and to answer this query we have designated all such sorts with this character ©.

FLOWER SEED COLLECTIONS

Before the opening of the shipping season, we put up great quantities of the collections named below. The varieties cannot be changed from the ones named for the above reason.

These contain the very best seeds and of the varieties that invariably give the greatest satisfaction; they aid in making the flower garden a success for the reason that they are all proven kinds.

20 PKTS. BEAUTIFUL, FREE FLOWERING, EASILY GROWN ANNUALS

Coll.

C

Asters, Choice Mixed.
Alyssum, Sweet.
Antirrhinum, Giant Mixed.
Bachelor's Button, Mixed.
Balsam, Double Camellia Flowered, Mixed.
Cosmos, Mixed.
Larkspur, Mixed.
Morning Glory, Choicest Mixed.
Marigold, Mixed.
Pinks, Double Choice Mixed.

Mignonette, Large Flowered.
Nasturtium, Tall, Finest Mixed.
Nasturtium, Dwarf, Finest Mixed.
Pansies, Mixed.
Poppy, Annuals Mixed, Double.
Petunia, Finest Striped and Blotched.
Phlox, Grandiflora, Fine Mixed.
Sweet Peas, Mammoth Flowered, Mixed.
Verbena, Extra Choice Mixed.
Zinnia, Fine Mixed.

**POSTPAID
FOR**

**50
CENTS**

Coll.

D

10 PKTS. CHOICE FLOWER SEEDS (1 pkt. each)

Asters, choice mixed.
Candytuft, mixed.
Phlox, mixed.
Sweet Peas, Mammoth, mixed.
Dwarf Nasturtium, choice mixed.

Double China Pinks.
Pansies, Excelsior, mixed.
Poppy Double, mixed Paeony flowered.
Zinnias Double, mixed.
Petunia, fine mixed.

**POSTPAID
FOR**

**25
CENTS**



ANTIRRHINUM © (Snap Dragon)

They have dark and glossy leaves and curiously shaped flowers with finely marked throats. They bloom the first season from seed sown in the spring, but the blossoms will be much stronger the second year. Succeeds best in dry loamy soil. Half-hardy perennial.

Large Flowered. This class grows about two feet high with larger flowers than the old sorts.

Pink. Pkt. 5 cts.

Firefly. Scarlet. Pkt. 5 cts.

Striatum. Striped Varieties. Pkt. 5 cts.

White. Pkt. 5 cts.

Yellow. Pkt. 5 cts.

Delila. Carmine and Yellow, white throat. Pkt. 5 cts.

Tom Thumb. Choice Mixed, 8 inches. Pkt. 5 cts.

Choice Mixed. Pkt. 5 cts.

Purple King. This is the forerunner of a race of new and distinct Snap-dragons. Flowers more than twice the size of the ordinary Antirrhinum. Only the one color as yet, but do not fail to include it in your order. Pkt. 10 cts.

AMARANTHUS

Tricolor. (Joseph's Coat.) Beautiful foliaged plants, growing three to five feet high. They are useful as borders for taller growing plants or for the centers of large beds. Should be grown in warm sunny situations and given plenty of room to develop. The ornamental leaves are red, yellow and green. Pkt. 5 cts.

ABUTILON (Flowering Maple)

Desirable plants for the house in winter and effective specimens for the lawn in summer. They will bloom the first year if sown early. Half hardy perennial, 1½ to 3 feet. Mixed colors. Pkt. 10 cts.

AGROSTEMA (Rose of Heaven)

Hardy annual, producing pretty pink blossoms on long, slender stems. About 1½ feet. Pkt. 5 cts.

AGERATUM

As an addition to the flower garden's color forces in blue, the Ageratum is a valuable flower. The dwarf sort being particularly desirable for borders, edging, etc., being very compact and erect. Half hardy annual.

Mexicanum Mixed. Blue and white. 2 ft. Pkt. 5 cts.

Tom Thumb. Dwarf blue, distinct variety, desirable for edging. ½ ft. Pkt. 5 cts.

ALYSSUM

For borders, edging, rockeries and cutting, this dainty little flower has no superior in its color. For borders sow thickly; for winter bloom sow in August and transplant to pots.

Little Gem. Plants only three to four inches high. A large mass of white, sweet-scented flowers; fine for bordering; hardy annual. Pkt. 5 cts., ¼ oz. 20 cts.

Sweet. Fragrant white hardy annual. ½ ft. Pkt. 5 cts., ¼ oz. 10 cts., oz. 25 cts.

ANEMONE ©

The Anemone or Wind-flower is one of our choicest autumn flowers and are at perfection when most other flowers have ceased blooming. Hardy perennials, easily grown from seed, blooming the first year if sown early. Produces large double flowers in mixed colors. Pkt. 5 cts.



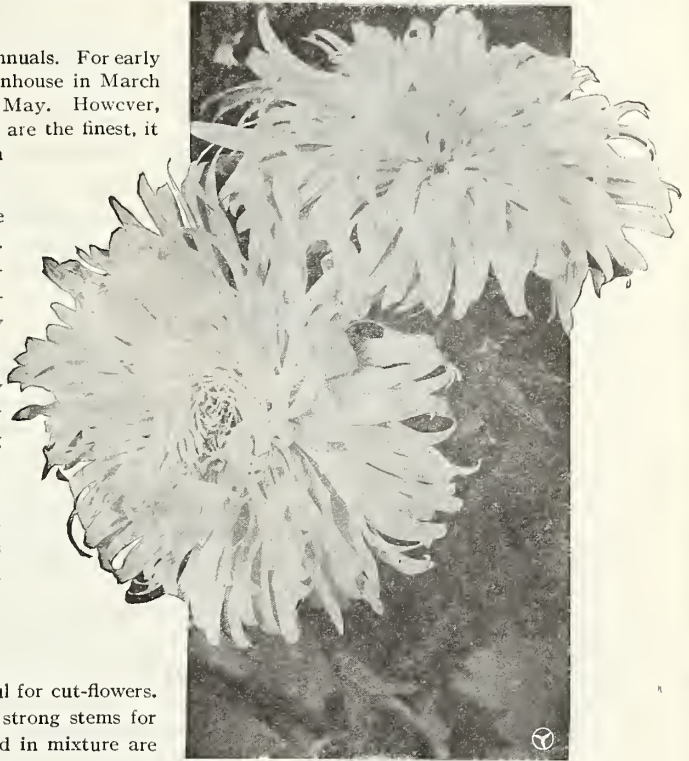
Anemone

ASTERS ◉

One of the most popular and useful of all our annuals. For early flowers the seed may be sown in the house or greenhouse in March or April, and transplanted in the open ground in May. However, as the Aster is a fall flower, and the late blossoms are the finest, it is best to sow the seed in the bed thinly early in May and transplant. Half hardy annuals.

Asters are very important with us and we are located in a country where they grow to perfection. Every care is taken, not the slightest detail overlooked, to make our Aster seed of the highest quality possible. Our stock is composed of the very best strains it is possible to produce.

Admiration. This wonderful Aster introduced by us a few years ago continues to increase in favor and is our most popular variety. It is a strong robust grower doing well under all conditions and exceeds the Aster-mum in size of both plants and flowers. Densely double flowers of a bright clear pink carried on long straight stems. Centers are entirely covered. Makes the finest kind of a cut-flower. Pkt. 15 cts., 2 pkts. for 25 cts.



Admiration

Light Pink. Pkt. 10 cts.
Lavender Pink. Pkt. 10 cts.
Lavender. Pkt. 10 cts.

Dark Red. Pkt. 10 cts.
Purple. Pkt. 10 cts.

White. Pkt. 10 cts.
Mixed. Pkt. 10 cts., 1/8 oz. 25 cts.

BRANCHING

A useful class of Asters for bedding and beautiful for cut-flowers. The flowers are very large and double with long, strong stems for cutting. The colors which we offer separately and in mixture are very clear and handsome.

GIANT COMET

The Giant Comet Aster is well known for its striking appearance, resembling the Japanese Chrysanthemums; they have not only twisted, curled and crested forms, but large and showy flowers. 1 1/2 feet.

Dark Blue. Pkt. 10 cts.
Light Pink. Pkt. 10 cts.

Crimson. Pkt. 10 cts.
Pure White. Pkt. 10 cts.

Light Blue. Pkt. 10 cts.
Mixed. Pkt. 10 cts., 1/8 oz. 25 cts.

LAVENDER GEM

A true lavender of splendid shape, borne on long strong stems, very early, of Comet type and an ideal cutting variety. Pkt. 10 cts.

THE MIKADO ASTERS

These Asters are among the largest and most showy of all Asters. Petals narrow, very long and gracefully reflexed, the outer ones showing to their full extent, while those in the center bend and curl across each other so as to give the entire flower an attractive fluffy appearance. The flowers grow to gigantic size, averaging six inches in diameter when grown under good cultivation.

Lavender. A delicate shade of lavender. Large immense flowers produced upon exceptionally long stems. One of the best for cut flowers. Pkt. 10 cts., 3 pkts. for 25 cts.

Pink or Rochester. An exquisite shade of shell pink, resembling the Enchantress Carnation. Pkt. 10 cts., 3 pkts. 25 cts.

White. Identical with the above except in color which is a pure white. Pkt. 10 cts., 3 pkts. 25 cts.

Mixed. Mixture of above colors. Pkt. 10 cts., 1/8 oz. 30 cts.



The Mikado Aster



Lady Roosevelt

THE CREGO ASTERS

The very best late flowering Asters in existence; enormous flowers of the Hohenzollern type, borne on good stems.

Crego White. Clear glistening white. Pkt. 10 cts.

Crego Shell-Pink. A clear pink. Pkt. 10 cts.

Crego Lavender. A splendid lavender. Pkt. 10 cts.

Crego Purple. Clear dark purple. Pkt. 10 cts.

Crego Mixed. (All colors) Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

HOHENZOLLERN

This Aster resembles the Giant Flowering Japanese Chrysanthemum. The flowers are large, with curled and twisted petals and long stems.

Mixed. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

KING TYPE

Crimson King. This is one of the choicest of the King Asters. A true crimson of this desirable type. Pkt. 15 cts.

Lavender King. Identical with above, except in color; very desirable for cutting. Pkt. 15 cts.

Rose King. An enormous quilled Aster, reaching a diameter of four and five inches, under very ordinary cultivation. Pkt. 15 cts.

LADY ROOSEVELT

One of the finest of recent introduction; perfect in shape; color a magnificent rose pink; long strong stems and for cutting has no superior. Our seed comes from selected stock and is of first quality. Midseason. Pkt. 15 cts., 2 for 25 cts.

QUEEN OF THE MARKET

The earliest of all the Asters. Grows about twelve inches high and very branching; the flowers are on long stems, making it valuable for cutting.

Snowdrift. Pure white.

Pkt. 10 cts.

Light Blue. Pkt. 5 cts.

Dark Blue. Pkt. 5 cts.

Crimson. Pkt. 5 cts.

Pink. Pkt. 5 cts.

Mixed. $\frac{1}{8}$ oz. 15 cts.

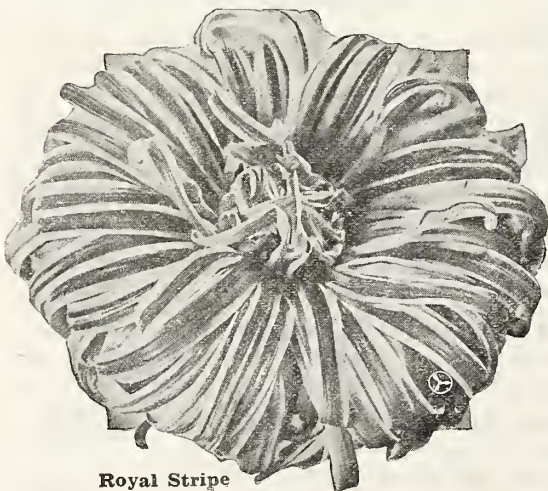
Pkt. 5 cts.



Violet King

VARIEGATED ASTER ROYAL STRIPE

No color combination more beautiful can be imagined than is found in this Aster. A broad band of violet blue runs through the entire length of the center of each petal, with distinct margins of pure white. It is of the Giant Comet type, with extremely large flowers. The distinct striping, as well as the curled and twisted form of many of its petals, is clearly shown in our illustration. Its habit, together with its attractive flowers, cannot fail to make it popular for cut flowers, as well as a magnificent variety for bedding. $1\frac{1}{2}$ to 2 feet. Pkt. 15 cts. Two pkts. for 25 cts.



Royal Stripe

TRUFFAUT'S PAEONY FLOWERED PERFECTION

A magnificent globe shaped Aster, too well known to need any description. One of the best for bedding. One and one-half feet.

Mixed. Many choice colors. Pkt. 5 cts., $\frac{1}{8}$ oz. 25 cts.

TALL CLASSES

Choice Mixed. A mixture comprising all the choice tall growing sorts. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

Victoria. A beautiful class. Flowers very large and perfectly double, of globular shape. Plants grow in fine pyramidal form about 18 inches high.

All colors Mixed. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

AQUILEGIA (Columbine)

Hardy perennials that bloom freely during spring and early summer. They should be more widely cultivated, as they are perfectly hardy.

Chrysantha. Long yellow spurred flowers. Pkt. 5 cts.

Cerulea. Sepals blue, petals white. Pkt. 5 cts.

Double White. Large full double flowers. Pkt. 5 cts.

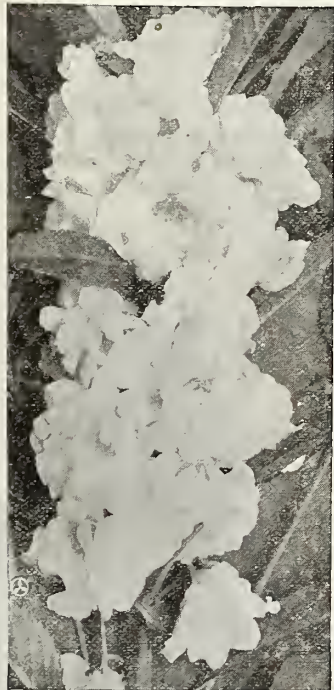
Mixed Double. Best colors. Pkt. 5 cts.

BACHELORS BUTTON®

These grand old-fashioned flowers make magnificent borders and grow to perfection in almost any good garden soil. Hardy annual.

Single Mixed. Pkt. 5 cts. **Double Mixed.** Pkt. 5 cts.

Double Blue. Excellent for cut-flowers. Pkt. 5 cts.



Balsam White Perfection

attractive hardy perennials. The variety *Carpatica* being the common Hare Bell, while the variety *Media* is the well known Canterbury Bell. *Calycanthemum* is known as the Cup and Saucer. Sow seed in the open the last of June or first of July and transplant. They will bloom the following spring if protected over winter.

Carpatica Mixed. (Hare Bell) Blue and White. Very free flowering variety. Pkt. 5 cts.

Calycanthemum. Blue, Rose, White. Mixed. Each 10 cts. pkt.

Media Single Mixed. Single Canterbury Bells. Hardy biennials. Pkt. 5 cts.

Media Double Mixed. Double Canterbury Bells. Hardy biennial. Pkt. 5 cts.

CANDYTUFT (Iberis)

Seed sown in autumn produces flowers in early spring; when sown in April, flowers from July to September, and some of the sorts till frost comes. Hardy annual, one foot.

Little Prince. Flowers large, plant six inches high. Makes a fine border plant. Pkt. 5 cts. Oz. 35 cts.

Empress or Snow Queen. A complete mass of large snow white flowers. Per oz. 25 cts. Pkt. 5 cts.

Crimson. A fine large flowered bright crimson. Pkt. 5 cts.

Lavender. True lavender, very fine. Pkt. 5 cts.

Rocket. Long spikes of white, excellent for cutting. Oz. 25 cts. Pkt. 5 cts.

Fine Mixed. Per oz. 20 cts. Pkt. 5 cts.

Perennial. Hardy evergreen, white. Pkt. 10 cts.

BALSAM

(Impatiens Balsamina)

Balsams are tropical plants, consequently thrive in hot weather, if planted in good soil and well watered. They grow up quickly and surely, from seed in the open during May. If wanted early sow in-doors and transplant. This has a tendency to dwarf the plants, making them more satisfactory. Tender annuals.

White Perfection. This is the very finest of white Balsams; very popular with florists. Pkt. 5 cts.

Camellia Flowered Scarlet. Pkt. 5 cts.

Giant Camellia Flowered Mixed. Enormous flowers, comprising all the colors. Pkt. 5 cts.



Bachelors Button

CALENDULA®

Hardy annuals about one foot high, that produce a wonderful profusion of flowers, ranging in color from ivory to orange. Valuable for beds and borders. Bloom until late fall.

Choicest Mixed. All colors. Pkt. 5 cts.

Orange King. Large double flowers of a dark orange-red color. Pkt. 5 cts.

CAMPANULA

(Hare Bell, Canterbury Bell, Cup and Saucer)

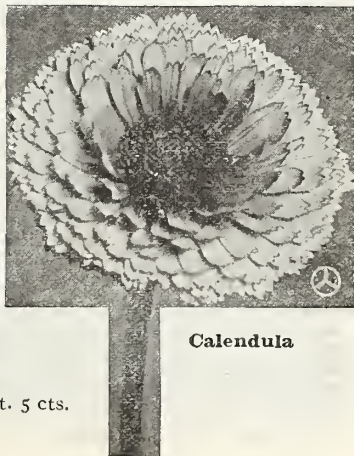
These grand old flowers are of easiest culture, and one of the most attractive hardy perennials. The variety *Carpatica* being the common Hare Bell, while the variety *Media* is the well known Canterbury Bell. *Calycanthemum* is known as the Cup and Saucer. Sow seed in the open the last of June or first of July and transplant. They will bloom the following spring if protected over winter.

Carpatica Mixed. (Hare Bell) Blue and White. Very free flowering variety. Pkt. 5 cts.

Calycanthemum. Blue, Rose, White. Mixed. Each 10 cts. pkt.

Media Single Mixed. Single Canterbury Bells. Hardy biennials. Pkt. 5 cts.

Media Double Mixed. Double Canterbury Bells. Hardy biennial. Pkt. 5 cts.



Calendula

New Cardinal Climber

CALLIOPSIS or COREOPSIS ☉

One of the leading plants for the flower garden, making a very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. Sow where they are to remain, and thin to one foot apart.

Lanceolata Grandiflora. Beautiful hardy perennial; grows 15 to 18 inches high and produces its golden yellow flowers in great profusion. Pkt. 5 cts.

Golden Wave. Bushy plants, with bright golden flowers, two inches across, each distinctly marked with dark brown center. Hardy annual. Pkt. 5 cts.

Finest Mixed. Hardy annual. Pkt. 5 cts.

CANARY BIRD FLOWER

A rapid growing summer climber, with finely cut foliage and yellow flowers. Tender annual. Pkt. 5 cts.

CANNAS

We are large producers of Cannas. Our collection embraces all the new and standard sorts and is unsurpassed. The Canna seed we offer is our own saving from these finest named varieties, and while each variety does not come true from seed, our mixture embraces every color. These beautiful ever-blooming Cannas bloom freely the first year from seed.

Soak the seed in hot water 12 to 24 hours before sowing. Sown in February or March will make flowering plants by July.

Dark Leaved Varieties, Mixed. Oz. 25 cts. Pkt. 5 cts.

Green Leaved Varieties, Mixed. Oz. 25 cts. Pkt. 5 cts.

Extra Choice Mixed. Dark and green leaved. Oz. 20 cts. Pkt. 5 cts.

For the Roots see Plant Department of this Catalogue.

CARDINAL CLIMBER

A splendid new climber that has created a sensation wherever grown. Climbs to a height of 20 to 30 feet and is covered with beautiful red blossoms shaped like the Morning Glory. Leaves are deeply lacinated and are in themselves very decorative. We believe that everyone will be more than pleased with the Cardinal Climber. Pkt. 10 cts., 3 pkts. 25 cts.

CARNATION ☉

The Carnation has always been one of the most esteemed of the florists' collection. Sow under glass in greenhouse or hot bed, and when of sufficient size transplant one foot apart each way. Half hardy perennial, one and one-half feet.

Extra Choice Double Mixed. A large portion of this seed will produce double flowers. Pkt. 20 cts. **Double Mixed.** All shades and colors. Pkt. 10 cts.

Marguerite. With ordinary care will be in full bloom in four months after sowing the seed, flowering in profusion until checked by frost. The flowers range through many shades. **Mixed.** $\frac{1}{8}$ oz. 20 cts. Pkt. 5 cts.

CELOSIA (or Coxcomb)

Free blooming, graceful plants, growing best in rather light soil, not too rich; grown in pots they are fine for the greenhouse or conservatory. Half hardy annuals.

Dwarf Coxcomb. (Cristata Nana.) Low growing plants with showy combs. Choice Mixed. Pkt. 5 cts.

All-a-Glow. Dwarf, bright scarlet combs. Pkt. 5 cts.

Chinese Wool Flower. This recent novelty is the most curious as well as the most showy of all Celosias. The round globular flowers appearing like large balls of bright red wool, start blooming in July and continue until cut down by frost. The flowers do not fade but increase in size and brilliancy throughout the season. They are excellent for bedding or are fine when grown as specimen plants. Height of plant, 2 to 3 feet. Pkt. 10 cts.

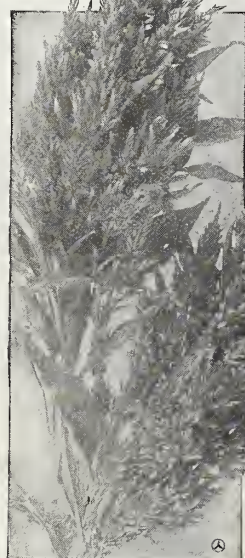
Glasgow Prize. Dwarf, crimson combs. Pkt. 5 cts.

Empress. Semi-dwarf variety, with dark foliage and crimson combs. Pkt. 5 cts.

Ostrich Feather. (Celosia Plumosa.) A beautiful feathered Celosia, producing large, bright, crimson and orange plumes. A packet of each with the taller for the center and the dwarf for the outer edge would make a beautiful bed.

Tall. Mixed. 3 feet. Pkt. 5 cts. **Dwarf.** Mixed. $1\frac{1}{2}$ feet. Pkt. 5 cts.

Castle Gould. A distinct type of Celosia Plumosa. The plants are literally clothed from base to summit with immense feathered heads. Pyramidal growth, two to three feet high; especially suited for pot culture, the profusion of long continued bloom being remarkable. The colors are blood red, carmine yellow, golden orange, scarlet and wine red. **Mixed.** Pkt. 10 cts.



Celosia Ostrich Feather

CENTAUREA

Gymnocarpa. (Dusty Miller.) An ornamental leaved plant, forming a round bush of silvery fern-like leaves; a fine contrast with dark foliage plants. Half-hardy perennials. 1½ feet. Pkt. 5 cts.

Imperialis. ☉ **All Colors.** (Giant Sweet Sultan.) The bushes are covered with large, sweet-scented flowers. Will keep for over a week in water, if cut just when they are about to open. Hardy annual. 2 feet. Pkt. 5 cts.

Mixed. Pkt. 5 cts.

CHRYSANTHEMUMS ☉

The annual Chrysanthemums are distinct from the autumn flowering varieties, blooming all summer and making a gorgeous display in the flower garden and for pot culture.

Annual Double White Snowball. A magnificent variety growing about 18 inches high and blooming continuously throughout the summer. They are covered with clusters of double pure white flowers of a beautiful fringed appearance. Will last a week or two after being cut. Pkt. 5 cts.

Annual Double and Single Mixed. Beautiful double and single types in a wide range of colors. Pkt. 5 cts.

CINERARIA

A beautiful class of plants for spring decoration of the window or conservatory; may also be planted out in summer. They grow from 12 to 18 inches high, and are completely covered with a mass of flowers, two and three inches

across, of the richest colors, in white, blue, violet and crimson shades. Seed may be sown from May to September for succession. Greenhouse perennial.

Grandiflora. (Large flowered.) **Mixed.** Pkt. 25 cts. **Choice Mixed.** Pkt. 10 cts.



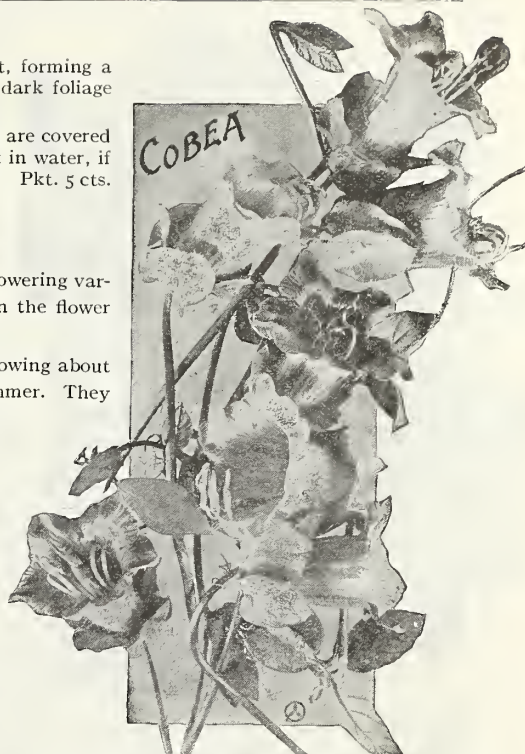
Double White Snowball

CLEOME

Pungens. (Giant Spider Flower.) This highly ornamental plant grows to a height of from 3 to 3½ feet, branching freely. Each branch is surmounted by large panicles of curiously shaped pink flowers. Blooms continuously from early summer until frost. Excellent for the annual border. Half hardy annual. Pkt. 5 cts.

COBEA

Scandens. A fine rapid growing climber, with handsome foliage and large bell-shaped flowers; green at first but rapidly changing to purple. Seeds should be started in hot bed or rather dry soil, as they are apt to rot in open ground. One of the best climbers for arbors, etc. Tender perennial, 20 feet. Pkt. 10 cts.



CLARKIA ☉

Elegans Double Mixed. This pretty easily grown annual is worthy of a place in every garden. They are not particular as to location but thrive equally as well in partial shade as in a sunny situation. Excellent plants for borders, hanging baskets or vases. Pkt. 5 cts.



Cleomé Pungens

COLEUS

A beautiful class of well known and popular ornamental foliage plants. The leaves have fringed and scalloped edges. The colors range from bright golden yellow to the darkest maroon and some are nearly black. They are margined, veined and splashed in a variety of styles with white, green, rose, crimson, etc. The Coleus is one of the few plants that are always showy from the time the first leaves are formed. Fine for pot culture. Tender perennials.

Choicest New Hybrids. Mixed. Pkt. 15 cts.

COSMOS

An autumn flowering plant of rapid growth, making large bushes five feet high. For cut flowers it has no equal, its magnificent blossoms upon long graceful stems, and with the dainty foliage, keeping a long time in water.

New Striped. This is a distinct and charming new variety, having large white centers and petals deeply striped. Pkt. 10 cts.

Early Flowering. The Early Flowering strain blooms in August. It is a strong, vigorous grower with lovely flowers of white, pink and crimson, which are as large as those of the Giants. Mixed. Pkt. 5 cts.

Early Flowering Dawn. A clear pink similar to Lady Lenox in the Giants, but of an early flowering type; one of the best. Pkt. 5 cts.

Early Flowering Crimson. Pkt. 5 cts. **Early Flowering White.** Pkt. 5 cts.

Giant Fancy Cosmos. These giant flowers are exceedingly beautiful. It is well to start the seeds of this class in the house early and transplant to open ground after hard frosts are past. Mixed. Pkt. 5 cts. $\frac{1}{4}$ oz. 15 cts.

Giant Pink. $\frac{1}{4}$ oz. 15 cts. Pkt. 5 cts. **Giant Red.** $\frac{1}{4}$ oz. 15 cts. Pkt. 5 cts.

Giant White. $\frac{1}{4}$ oz. 15 cts. Pkt. 5 cts.

Klondyke. Golden yellow, flowers borne on long stems measure from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across. Pkt. 10 cts.

Lady Lenox. One of the very finest, pale rosy-pink; magnificent for cutting. Extra large flowers. Pkt. 5 cts.

White Lady Lenox. The giant white of the Cosmos. Flowers pure white and nearly three times larger than the ordinary Cosmos. Robust grower attaining a height of six feet. Pkt. 5 cts.

Lady Lenox Mixed. Mixture of two colors, pink and white. Pkt. 5 cts., $\frac{1}{4}$ oz. 15 cts.

CYCLAMEN Charming bulbous-rooted plants, with beautiful foliage and rich colored fragrant flowers. Tender perennials; six inch. **Persicum Giganteum.** A great improvement over the old sorts. Mixed. Pkt. 25 cts.

CYPRESS VINE (Ipomea Quamoclit)

Climber, with delicate dark green feathery foliage and abundance of bright star shaped rose, scarlet and white blossoms. Tender annual; 15 feet. **Mixed.** Pkt. 5 cts.

Ivy-leaved Scarlet. The deeply lobed ivy-like leaves form a dense screen and great racemes of fiery scarlet flowers stand out in countless numbers. Pkt. 5 cts.

DAHLIA One of the best autumnal flowering plants. Half-hardy perennial; three to four feet.

Double Mixed. Finest double flowers, including the new large flowered varieties. Pkt. 10 cts.

Single Giant Perfection. The flowers are large; many are marbled and striped. Mixed colors. Pkt. 10 cts.

DAISY (Bellis Perennis)

Sow seed early in hot bed or house and transplant to a rich, cool, partially shaded situation. Hardy perennial; six inches.

Monstrosa Red. Giant flowered red. Pkt. 5 cts.

Monstrosa White. Very large flowered. Pkt. 5 cts.

Maxima Double Mixed. Pkt. 5 cts.

Shasta. The pure white flowers are three to four inches in diameter.

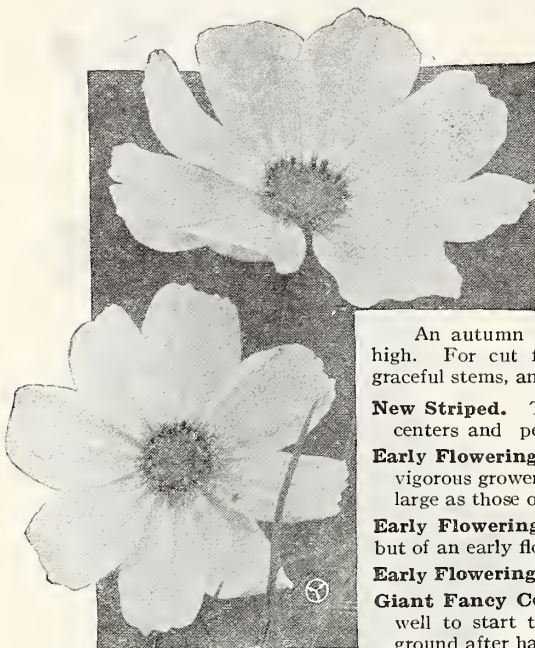
Some have long narrow twisted petals while others are broad and flat. They bloom the entire season. Hardy perennial; two to three feet. Pkt. 10 cts.

DATURA (Angels Trumpet)

Showy, large branching plants, growing three to five feet high, bearing trumpet shaped flowers six inches in length. **Double Mixed.** Pkt. 5 cts.

DIMORPHOTHECA

Aurantiaca. We are indebted to South Africa for this beautiful, profusely flowering annual. Plants grow from 12 to 15 inches high, with rich, orange-gold flowers from $2\frac{1}{2}$ to $2\frac{3}{4}$ inches in diameter. Plants from seed sown early will start blooming in early summer, continuing into the fall. Makes a fine bedding plant. Pkt. 10 cts.



Giant Fancy Cosmos



Shasta Daisy

ESCHOLTZIA or CALIFORNIA POPPY

These beautiful little flowers are California's State flower, hence the name. Produce beautiful effects either as border plants or in masses. Hardy annuals.

Mandarin. A beautiful orange. Pkt. 5 cts.

Rosy Morn. Delicate frilled flower of beautiful primrose yellow hue. Pkt. 5 cts.

Golden West. The flowers have large overlapping petals. The color is shining yellow with an orange blotch. Pkt. 5 cts.

Crimson. A clear glistening crimson. Very fine. Pkt. 5 cts.

Alba. White, of a clear shade, is very rare in this flower. This is a clear satiny white. Pkt. 5 cts.

Mixture of above varieties. Pkt. 5 cts.

**Escholtzia****BUSH ESCHOLTZIA or HUNNEMANNIA**

A beautiful bushy plant, two feet high, with large cup-shaped flowers on long stems. The color is bright yellow. They keep in water for two weeks. Hardy annual. Pkt. 10 cts.

EUPHORBIA

Strong growing annuals, suitable for beds or borders, with highly ornamental foliage.

Hetrophylla. (Mexican Fire-plant.) An annual resembling the Poinsetta in habit and color. Smooth glossy green leaves which mid-summer turn to a beautiful orange scarlet. 2 to 3 feet. Pkt. 10 cts.

Variegata. (Snow-on-the-Mountain.) An old garden favorite; foliage and flowers veined and margined white. 2 to 3 feet. Pkt. 5 cts.

FEVERFEW (Double White)

A bushy plant, bearing a profusion of double white Daisy-like flowers. Hardy annual. Pkt. 5 cts.

FORGET-ME-NOT (Myosotis)

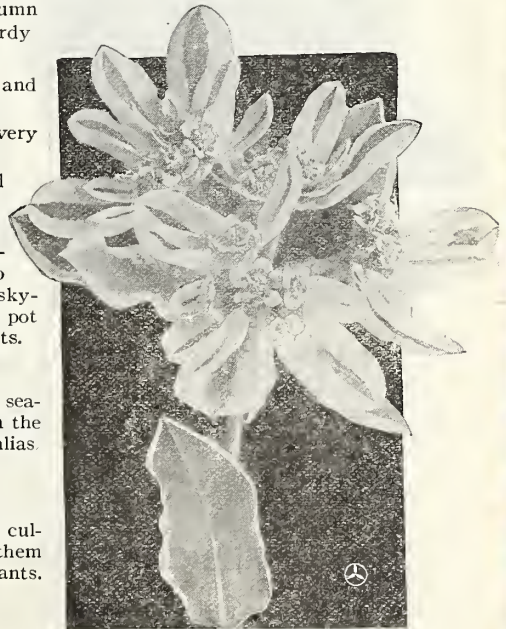
Flourishes in a moist shady situation, and is in constant bloom nearly the whole season. If the seed is sown in autumn it will flower in early spring. Hardy perennial; one-half foot.

Palustris. Blue flowers, with white and yellow eyes. Pkt. 5 cts.

Dissitiflora. Large sky-blue flowers very early, free blooming. Pkt. 5 cts.

Victoria. Dwarf, bushy habit, covered with large blue and white flowers. Mixed. Pkt. 5 cts.

Ruth Fisher. The largest and finest Forget-Me-Not; flowers measure from $\frac{3}{8}$ to $\frac{1}{2}$ inch across and are of a lovely sky-blue; of great value for forcing, pot culture or spring bedding. Pkt. 5 cts.

**Euphorbia Variegata**

S & H ©

Foxglove**FOUR O'CLOCK (Marvel of Peru)**

A handsome, free-flowering half-hardy perennial; blooming the first season from seed; the flowers, which are produced in clusters, open in the afternoon and wither the next morning. They can be kept like Dahlias. Our mixture contains a fine variety of colors. Pkt. 5 cts., oz. 15 cts.

FOXGLOVE (Digitalis)

One of the most widely known and popular hardy plants. Its ease of cultivation, the mammoth spikes of splendidly colored flowers make them very desirable for use in borders or as backgrounds for lower growing plants. Spikes grow to a height of three to five feet. Hardy biennials.

Finest Mixed Gloxinoides. Pkt. 5 cts.

Canariensis. Rich canary yellow. Pkt. 5 cts.,

GAILLARDIA ☉

A showy and useful class of plants, flowering freely from early summer until frost. They are effective when grown in masses, and are particularly adapted for vases, lasting a long time after being cut.

Grandiflora. Hardy perennial, blooming first season, with large flowers, dark crimson centers, marked with rings of many brilliant colors. Mixed. Pkt. 5 cts.

Pieta Mixed. A fine mixture of double annual flowering sorts that are charming. Pkt. 5 cts.

GEUM ☉

Mrs. Bradshaw. Beautiful hardy perennial, flowers very double dark crimson. Blooms continuously all summer, fine for use in bouquets. Pkt. 10 cts.

GLADIOLUS ☉

Sow seed in open ground as soon as warm in spring; take up in fall and preserve from frost. Keep dry like potatoes, and plant in spring. Will bloom second or third season.

Finest Mixed. From choice named varieties. Pkt. 5 cts.

For Bulbs see Plant Department of this Catalogue.

GODETIA

Godetias are not nearly well enough known and planted in America. Their beautiful, satiny, open flowers produce a magni-

ficent effect in masses or borders covering a wide range of colors. Very easy to grow from seed and produce in shaded places good flowers where so few flowers can be grown. Hardy annuals.

Finest Mixed. All colors. Pkt. 5 cts.

GOMPHRENA

Globosa. (Globe Amaranth.) The true Bachelor Button. Low, bushy plants bearing clover like blossoms of crimson, pink and white. Makes an excellent border plant also good for pot culture. The flowers are everlasting if cut as soon as fully open.

Fine Mixed. Pkt. 5 cts.

GOURDS

A tribe of climbers with curiously shaped fruits, which are a delight to the children and may be used in many practical ways. Tender annual climbers. 10 to 20 feet.

Apple Shaped. Pkt. 5 cts.

Calabash. The pipe gourd. Pkt. 5 cts.

Chinese Sponge or Dish Rag. Pkt. 5 cts.

Dipper. Pkt. 5 cts.

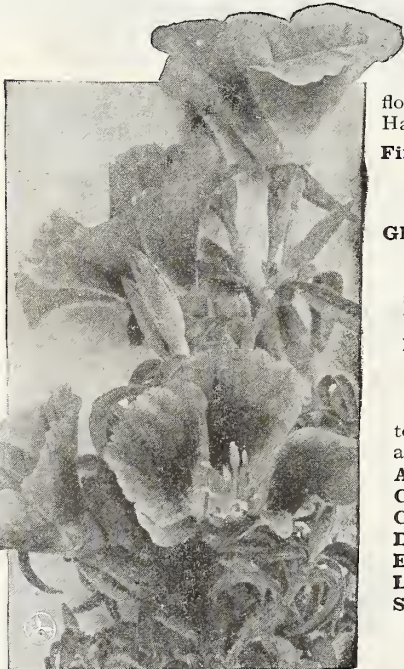
Egg Shaped. Pkt. 5 cts.

Large Ornamental Mixed. Pkt. 5 cts.

Small Ornamental Mixed. Pkt. 5 cts.



Gourds



Godetia

GYPSOPHILA (Baby's Breath)

Delicate free-flowering little plants, covered with a profusion of star-shaped blossoms. Well adapted for hanging baskets and edgings, valuable for making bouquets. Annual.

Elegans. ☉ Mixed, white and pink. Pkt. 5 cts.

Paniculata. Almost identical with above except that it is perfectly hardy. Pkt. 5 cts.

HELICHRYSUM

Large, double, "Everlasting Flowers." Handsome bouquets may be formed of them for winter, if gathered before opening. Hardy annual. 1½ to 2 feet. Mixed. Pkt. 5 cts.



Gaillardia Grandiflora

HELIOTROPE

Highly valued for the fragrance of their flowers and duration of bloom. Tender perennial, one foot. Easily grown from seed, blooming first summer if sown early.

Lemoine's Giant Hybrid. Choice mixed. Pkt. 10 cts. **Fine Mixed.** Pkt. 5 cts.

HIBISCUS

Crimson Eye. Large pure white flowers, with a crimson center. It is perfectly hardy, blooming the first year from seed sown in the open ground if sown early. Pkt. 5 cts.

Moscheutos. Rose mallow, large pink flowers with dark maroon eye. Pkt. 5 cts.

HOLLYHOCK

One of our grandest summer and autumn flowering plants. Sow the seed in June or July in open ground, transplant to three feet apart. Hardy perennials.

Double White. Pkt. 10 cts. **Yellow.** Pkt. 10 cts.

Double Pink. Pkt. 10 cts. **Red.** Pkt. 10 cts.

Double Maroon. Pkt. 10 cts. **Mixed.** Pkt. 5 cts.

Black. Pkt. 10 cts.

Everblooming Hollyhocks. These Hollyhocks bloom the first season. Sow in the open ground as soon as the soil is in proper condition.

Choice Mixed. Pkt. 10 cts.

Mammoth Fringed Hollyhock. (Allegheny.) The flowers are from four to six inches across, single and semi-double, finely fringed and curled. Will bloom the first season if sown early. **Choice Mixed.** Pkt. 10 cts.

HONESTY ☉ (Moonwort)

Lunaria Mixed. Hardy biennials grown chiefly for their peculiar silvery seed pouches, which are used in winter bouquets. Height 2 feet. Pkt. 5 cts.

HOP (Variegated Japanese)

The leaves are beautifully and distinctly marked with silvery white, yellowish white, and light and dark green. It retains this foliage until late in the autumn; climbing 20 feet. Pkt. 10 cts.

HYACINTH BEAN

A rapid growing annual climber, about 10 feet high. They bloom freely in clusters, which are followed by ornamental seed pods. Sow seed in April or May. White and purple, mixed, ½ oz. 15 cts., pkt. 5 cts.

ICE PLANT

(*Mesembryanthemum*)

Fine for baskets, rock work and vases. Leaves and stems appear as though covered with ice crystals. Tender trailer; six inches. Pkt. 5 cts.

IRIS ☉

Kaempferi. Mixed. (Japanese Iris.) These are the most beautiful of all the flags, are easily grown from seed and should have a place in every garden. The seed we offer is saved from our collection of choice named varieties and will produce wonderful flowers. Pkt. 10 cts.

IPOMEA

Tender annual climbers of rapid growth, with beautiful and varied flowers.

Heavenly Blue. Flowers four to five inches across, in large clusters. Color, a beautiful sky-blue. Pkt. 10 cts.

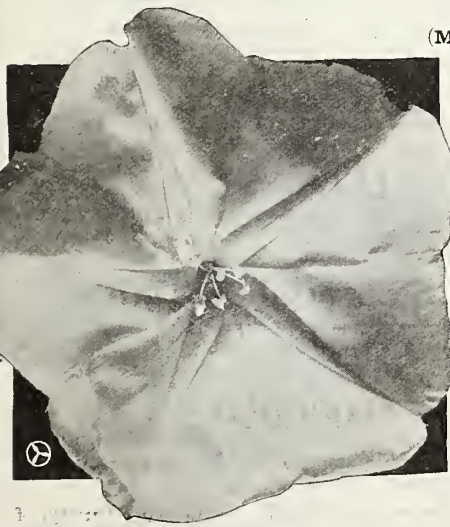
Grandiflora. (Moonflower.) One of the most showy of the annual climbers. A rapid growing vine, easily reaching a height of 25 to 30 feet. At night the plants are covered with large, pure white, fragrant flowers. Pkt. 10 cts., ¼ oz. 20 cts.

Setosa. (Brazilian Morning Glory.) A summer climber, making a dense shade. Flower rose colored; three to four inches in diameter. Pkt. 5 cts.

JOB'S TEARS

Ornamental grass with broad glistening leaves. The odd pearl like seeds are often strung and used as beads. Hardy annual. Pkt. 5 cts., oz. 20 cts.

Double
Holly-
hocks



Ipomea Grandiflora



Annual Larkspur

KOCHIA (Summer Cypress)

Tricophylla. An annual about three feet in height. Splendid for temporary Summer Hedges. Throughout the summer it is a lively green, but towards autumn turns to a bright red. It is of rounded form, with very fine foliage and stems. Pkt. 5 cts.

LARKSPUR ☉ (Delphinium)

ANNUAL LARKSPUR

The Annual Larkspur furnishes one of the best and most satisfactory blossoms in the whole range of annuals. Colors vary from white through blue, pink and red.

Giant Hyacinth-Flowered. The plants grow 3 feet high with long spikes of giant flowers. Earliest flowering. Mixed colors. Pkt. 5 cts.

Double Dwarf Rocket. One foot, finest mixed. Pkt. 5 cts.

Newport Scarlet. This variety is one of the choicest of these old garden favorites. Makes an ideal flower for cutting. Pkt. 10 cts.

PERENNIAL LARKSPUR

The Perennial Larkspurs or Delphiniums are the garden's strongest force in the various shades of blue and are easily grown from seed.

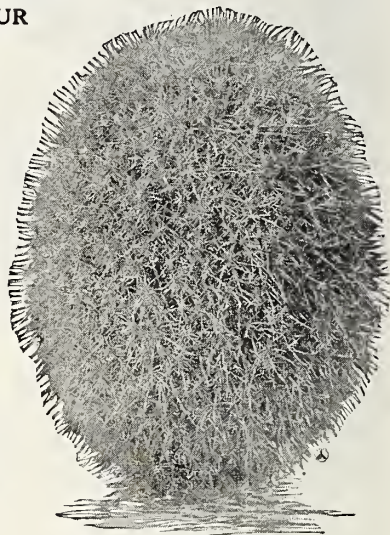
Belladonna Hybrids.

A magnificent sort unrivaled for continuance of bloom, with large spikes of the most delicate turquoise blue. Fine for cutting. Pkt. 10 cts.

Formosum. Rich blue and white; three feet. Pkt. 5 cts.

Formosum Coelestinum. A beautiful azure blue flowered variety. Pkt. 10 cts.

Choice Hybrids. Mixed. Pkt. 5 cts.

Kochia Tricophylla
(Summer Cypress)

LOBELIA

A most excellent and useful genus of plants, easy of culture and well adapted for bedding, edging, pots or rockeries. Seed should be covered lightly.

Crystal Palace Compacta. Fine for bedding, compact, erect growth, deep blue. Annual. Pkt. 5 cts.

Erinus Speciosa. Of trailing habit, bright blue flowers; fine for baskets. Annual. Pkt. 5 cts.

Mixed. Trailing varieties. Annuals. Pkt. 5 cts.

Marigold
(Double African)

LUPINES ☉

Annual Mixed. Easily grown annuals, with long graceful spikes of pea-like flowers. Fine for beds or borders. Does well in partial shade. Pkt. 5 cts.

LYCHNIS CHALCEDONICA

Handsome for beds and borders, of easy culture, growing in any rich garden soil, blooming the first year if sown early. Hardy perennials. Bright scarlet, two to three feet. Pkt. 5 cts.

MARIGOLD ☉

Old favorite of easy culture, with various colored beautiful double flowers and fine foliage; very effective for groups and masses. Hardy annuals.

African Pride of the Garden. A fine early variety, of regular, compact habit. Color rich, golden yellow. 2 feet. Pkt. 5 cts.

Double African Mixed. Tall, mixed orange and yellow shades. 3 feet. Pkt. 5 cts.

Double African Lemon. Pkt. 5 cts.

Double African Orange. Pkt. 5 cts.

Double and Single French. 2 feet. Finely cut foliage. Dwarf; mixed colors. Pkt. 5 cts.

MIGNONETTE

A delightfully fragrant, hardy annual, blooming the entire season in the flower border; also fine for pot culture during the winter and spring.

Defiance. This magnificent variety, when grown under favorable conditions, and with proper care, will produce spikes 12 to 15 inches long. Pkt. 5 cts.

Machet. The plants are dwarf and vigorous, of pyramidal growth; with long spikes of sweet scented reddish green flowers. $\frac{1}{2}$ oz. 25 cts. Pkt. 5 cts.

Parson's White. Large spikes of bloom; the stamens are pure white and fragrant. Pkt. 5 cts.

Large Flowering. The common Sweet Mignonette; an old garden favorite. Pkt. 5 cts. oz. 10 cts., $\frac{1}{4}$ lb. 25 cts.

MOMORDICA

Balsamina. (Balsam Apple.) Annual climber, with yellow blossoms and beautiful foliage. The fruit when ripe bursts suddenly open, scattering its seed and showing a brilliant carmine interior. 10 feet. Pkt. 5 cts.

Momordica Charantia. This is the well known Balsam Pear, smaller than above and highly valued for its healing properties. Pkt. 5 cts.

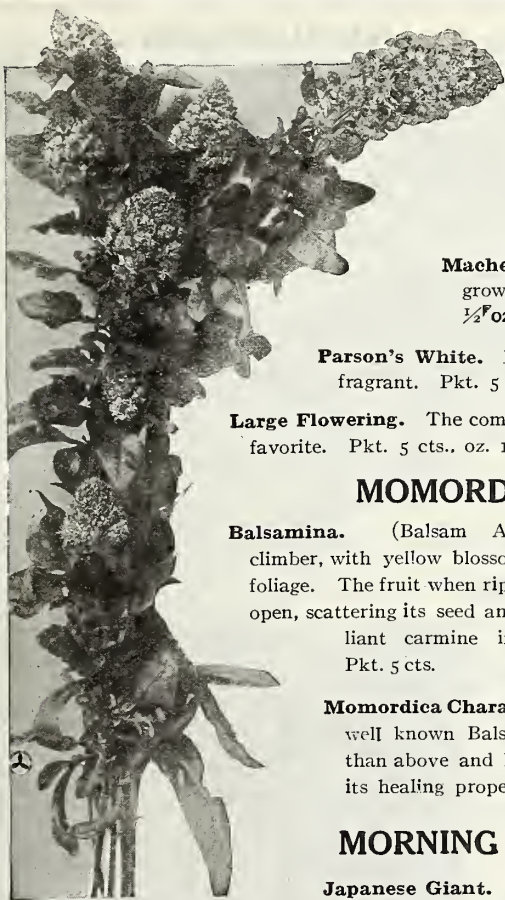
MORNING GLORIES

Japanese Giant. A class of climbers making a growth of 20 to 30 feet quite early in the season. Their large flowers are striped, spotted and margined in all shades from white to the deepest red, blue and purple. Many are fluted and fringed. Sow the seeds early in a warm sunny place. Choice mixed. Oz. 20 cts. Pkt. 5 cts.

Large Flowering Rochester. Vines strong, growing 12 to 20 feet high, with magnificent foliage. Flowers 4 to 5 inches across, deep violet blue in the throat, blending out to an azure blue, bordered with a white band around the edge. Oz. 20 cts. Pkt. 5 cts.

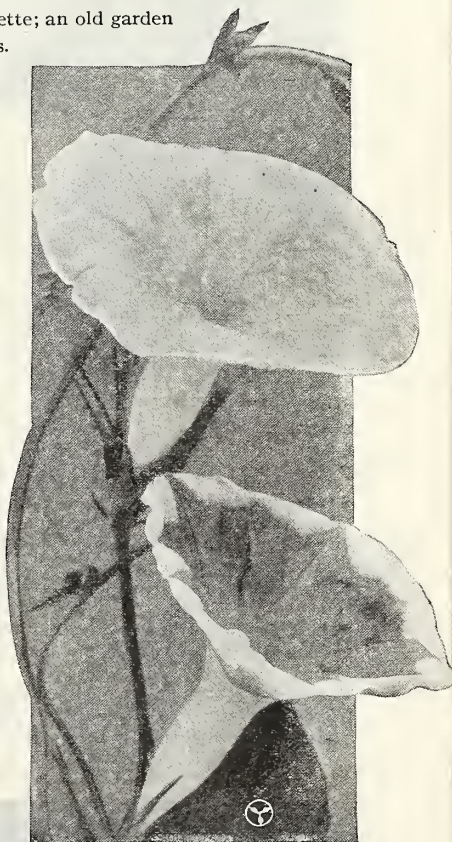
Morning Glory. (Convolvulus Major.) The well known old fashioned Morning Glories. Splendid climbing plants. Of rapid growth and profuse bloom. Oz. 10 cts. Pkt. 5 cts.

Snow Fairy. The vines are rapid growers, soon attaining a height of 12 to 18 feet, starts blooming quite early, continuing to flower in great profusion until cut down by frost. The delicate lacy form of the flower is hard to describe or to give justice to in a photograph. All through the summer the vines are literally covered with the glistening white blossoms which are perfectly double and present a striking appearance. Pkt. 10 cts.



Mignonette

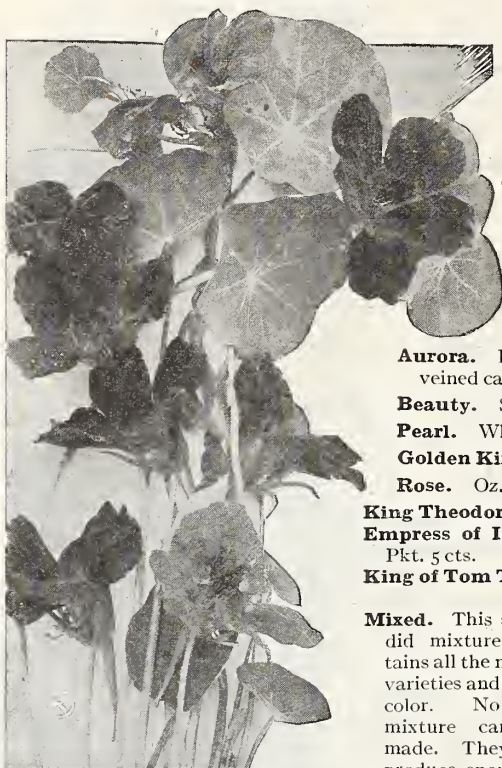
large flowers are striped, spotted and margined in all shades from white to the deepest red, blue and purple.



Japanese Giant



Snow Fairy

**Nasturtiums**

stems, in a wonderful variety of colors. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

TALL OR CLIMBING VARIETIES

Atropurpureum. Crimson. Oz. 20 cts. Pkt. 5 cts.

Coccineum. Scarlet. Oz. 20 cts. Pkt. 5 cts.

Jupiter. Great, rich, yellow flowers, resembling Orchids in their beauty. Oz. 20 cts. Pkt. 5 cts.

King Theodore. Rich deep crimson; dark foliage. Oz. 20 cts. Pkt. 5 cts.

Pearl. White. Oz. 20 cts. Pkt. 5 cts.

Prince Henry. Light yellow, marbled and striped bright scarlet; very fine. Oz. 20 cts. Pkt. 5 cts.

Vesuvius. Salmon rose, dark foliage. Oz. 20 cts. Pkt. 5 cts.

Mixed. This is one of the finest mixtures of Climbing Nasturtiums on the market; it includes besides the various colors in this class the popular strains of Mad. Gunther Hybrids, Lobbs and Chameleon. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50

**Nicotiana Affinis**

NASTURTIIUMS

The Nasturtium is already one of the most popular annuals and should be in every planting, as they are extremely easy to grow. They produce a wonderful array of blossoms from early to late and are less particular as to soil and conditions than most flowers. Flowers are yellow, red, crimson, spotted, maroon and a wide variation in shades of the above. Do not fail to sow some Nasturtium seed.

DWARF VARIETIES

Very useful for bedding, massing or ribboning. A few Dwarf Nasturtiums in the yard are very brilliant and attractive. The flowers are brighter if the soil is not over rich. Give each plant a foot of room; hardy annual; one foot.

Aurora. Deep chrome yellow, the two lower petals blotched and veined carmine. Oz. 20 cts. Pkt. 5 cts.

Beauty. Scarlet, splashed canary. Oz. 20 cts. Pkt. 5 cts.

Pearl. White. Oz. 20 cts. Pkt. 5 cts.

Golden King. Bright yellow. Oz. 15 cts. Pkt. 5 cts.

Rose. Oz. 20 cts. Pkt. 5 cts.

King Theodore. Dark maroon. Oz. 20 cts. Pkt. 5 cts.

Empress of India. Brilliant crimson; dark tinted foliage. Oz. 20 cts. Pkt. 5 cts.

King of Tom Thumbs. Intense scarlet. Oz. 20 cts. Pkt. 5 cts.

Mixed. This splendid mixture contains all the named varieties and every color. No finer mixture can be made. They will produce enormous flowers on long

**Nigella**

VARIEGATED TALL NASTURTIIUMS

Queen Hybrids Mixed. The foliage of this new class of Nasturtiums is very distinct and pleasing in its variegation. The color of the foliage is pea green, spotted and blotched with pure white, making an attractive looking background for its various colored flowers, which range from bright scarlet to rose pink and creamy white; many of them being blotched and splashed with different shades. Oz. 20 cts. Pkt. 10 cts.

NICOTIANA (Sweet Scented Tobacco Plants)

Affinis. This is the pure white form and is very popular. Pure white, sweet scented, star-shaped flowers. Pkt. 5 cts.

Hybrida Mixed. This type has large star-shaped flowers in a great variety of colors. If the plants are taken up in the fall, cut back and potted, they will bloom nicely in the house during the winter, 2 to 3 feet. Mixed colors. Pkt. 5 cts.

NIGELLA

Miss Jekyll. Curious looking flowers with finely cut foliage. Flowers are corn-flower blue, well set off by the feathery, green foliage which entirely surrounds them. Especially good for bouquets. Pkt. 5 cts.

SUPERB PANSIES

SUPERB GIANT PANSIES ©

We make a specialty of Pansies and we firmly assert that no seedsman anywhere can offer a superior strain of seed. Pansies produce larger flowers and are at their best during the cool weather. The seed may be sown in the hot-bed, in boxes in the house or in the open ground. Plants from seed sown in the spring will bloom that summer, while fall sown seed, slightly protected during the winter, will produce an abundance of flowers the following spring.

These have been selected with a view to largest sized flowers of thick velvety texture and most distinct colors, and have been brought as near perfection as possible.

Adonis. Light blue with white center. Pkt. 10 cts.

Andromeda. Color a very delicate apple-blossom generally showing a soft lavender hue. Pkt. 15 cts.

Aureola. Deep red, upper petals light yellow with carmine zone. Pkt. 10 cts.

Beaconsfield. Deep purple violet, shading to lavender and white. Pkt. 10 cts.

Bismarck. Light brown shades. Pkt. 10 cts.

Black. Jet black. Pkt. 10 cts.

Bridesmaid. Flowers very large and of fine form. Its ground color is a rosy white, and most strikingly sets off the dark blotches of the center. Pkt. 15 cts.

Mad. Perrett. Edge of petal is frilled. The colors are dark wine, pink and red, beautifully veined, and all with a white margin. Extra large flowers. Pkt. 10 cts.

Masterpiece. Distinct in form of flowers, the border of each petal being conspicuously curled or waved, giving the flower a double or globular appearance. Choice mixed colors. Pkt. 15 cts.

Peacock. The upper petals resemble in shade the peacock feather, while the lateral and lower petals are of a deep claret, with white margin. Pkt. 10 cts.

President Carnot. Each of the five petals has a dark violet blotch, leaving a broad margin of pure white. Produces large flowers. Pkt. 15 cts.

President McKinley. The ground color is a deep golden yellow, while each petal has a large blotch of rich, dark violet, leaving a clearly defined broad edging of "pure gold." Pkt. 15 cts.

Prince Henry. A fine large, deep clear blue; the best blue variety yet introduced. Pkt. 10 cts.

Striped. Beautifully striped and blotched, of various colors. Pkt. 10 cts.

White. Extra large, pure white flower. Pkt. 10 cts.

Yellow. Large, pure yellow. Pkt. 10 cts.

One packet each of 15 of the Giant Pansies, \$1.00.

One packet each, 7 distinct Giants, our choice, 50 cts.

Superb Giant Mixed. An extra fine mixture of Giant Pansies, including all of the above together with Odier, Cassiers, Bugnot and Trimardeau selections. 3 pkts. 25 cts. $\frac{1}{8}$ oz. 75 cts. Pkt. 10 cts.

Orchideaefflora Morning Dawn. New, vermilion with golden chamois suffused with flaming red, beautiful. Pkt. 15 cts.

Orchideaefflora Sunlight. New, orchid flowered, bright yellow with large well defined purple brown blotches. Pkt. 15 cts.

Orchideaefflora Mixed. New, very interesting type; flowers resemble an Orchid in their wonderful and quaint shape as well as in the charming shadings. Mixed colors. Pkt. 15 cts.

EXCELSIOR PANSIES

Mixed. This class of Pansies are nearly as large as the Giants and are fine for bedding. Pkt. 5 cts., 6 pkts. 25 cts., $\frac{1}{4}$ oz. 75 cts.



Perennial Peas

PERENNIAL PEA

These rampant vining Peas are of easy cultivation, producing very showy flowers, ranging in color from white to rose and purple. Sometimes known and sold as Everlasting Sweet Pea. Quite hardy and not particular as to soil. Splendid for covering rocks, stumps, walls.

White. Pkt. 10 cts. **Pink.** Pkt. 10 cts. **Red.** Pkt. 10 cts. **Mixed.** Pkt. 10 cts.

PENTSTEMON

Herbaceous plants, with long spikes of rich colored flowers from May until frost. Will bloom the first season if sown early in a hot bed and planted out as soon as frosts are over.

New Large Flowering. The numerous Gloxinia-shaped flowers are borne on long stems. The colors are white, pink, rose and crimson, many being spotted and margined with a contrasting color. Hardy perennial. Choice mixed. Pkt. 10 cts.

PETUNIAS

GIANT DOUBLE FLOWERING PETUNIAS

While a fair percent of Double Petunia seed will produce double flowers, some will not, but the single ones will be richly colored and finely marked. The seedlings, which appear weak and sickly at first, generally produce good strong plants in the end, often double, and the finest flowers. We consider this one of the finest mixtures of Double Petunias ever offered. It is composed of the best and largest flowered strains grown. Pkt. 30 cts.

SINGLE LARGE FLOWERING PETUNIAS

Fringed. (Fimbriata.) A strain of beautifully fringed flowers. Colors rich and brilliant. Pkt. 15 cts.

Giant Ruffled. The flowers of this strain are ruffled and fringed, colors rich and gorgeous, with charming deep throats of various shades. Fine mixed. Pkt. 20 cts.

Giant of California. Choicest mixed seed saved from show flowers. Very large. Pkt. 15 cts.

SINGLE BEDDING PETUNIAS

Howard's Star. A clear purple with a distinct white star filling throat and extending to edge of petals. Pkt. 15 cts.

Rosy Morn. Of compact bushy growth, fifteen inches

in height, and about the same in diameter, and are covered through the entire season with open-throated flowers one and one-half inches in diameter. Throat silvery-white, outer edge heavily shaded soft rose-pink. Pkt. 15 cts.

Single Pure White. A desirable variety where a pure white is desired for beds and borders. Grow 10 to 15 inches high, very free blooming. Pkt. 10 cts., ¼ oz. 35 cts.

Finest Striped and Blotched. Mixed. Pkt. 10 cts.

Fine Mixed. Pkt. 5 cts.



Pentstemon
(Large Flowering)



GIANT
S
O
F
CALIFORNIA

PETUNIAS



**Phlox Drummondii
Grandiflora**

splendid for pot culture or for ribbon lines and for massing.
Dwarf. In choicest mixtures. Pkt. 10 cts.

Splendens. Crimson with white eye. Pkt. 10 cts.

Alba. Pure white; very large. Pkt. 10 cts.

Rosea. Rose colored; large white eye. Pkt. 10 cts.

Coccinea. Rich brilliant scarlet. Pkt. 10 cts.

Striata. Striped varieties, mixed. Pkt. 10 cts.

Isabellina. Yellow. Pkt. 10 cts.

Grandiflora. Choice mixed, all colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 30 cts., oz. \$1.00.

Starred and Fringed. The most interesting of the Phlox family, bearing pretty star-shaped and fringed flowers, rich in colors. Choice mixed. Pkt. 10 cts.

PHLOX DRUMMONDI NANA

This strain grows about six inches high;

HARDY PERENNIAL PHLOX

Perennial Phlox is one of the show features of our nurseries. Our seed is saved from a magnificent collection, embracing all the new and standard sorts of every color.

Finest Mixed. Every color, unsurpassed in quality. Pkt. 10 cts.

PINK (Dianthus)

ANNUAL VARIETIES

Snow Queen. (Double White Japan.) One of the prettiest of white cut flowers. Pkt. 5 cts.

Hedderwigii Flore Pleno Fireball. (Double Scarlet Japan Pink.) Flowers brilliant scarlet. Pkt. 5 cts.

Hedderwigii Flore Pleno. (Double Japan Pink.) Flowers large and double; many of them finely fringed; choice mixed. Pkt. 5 cts.

Chinensis fl. pl. (Double China Pink.) The colors are rich, and you hardly find two alike. Pkt. 5 cts.

Choice Mixture. Of all the above double annual varieties. $\frac{1}{4}$ oz. 20 cts. Pkt. 5 cts.

Choice Mixture. Of single annual varieties. $\frac{1}{4}$ oz. 20 cts. Pkt. 5 cts.

PERENNIAL VARIETIES

Plumarius, fl. pl. Hardy perennial sweet scented garden pinks. Double mixed. Pkt. 10 cts.

PORTULACA

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of brilliant colored Portulacas. They thrive best in a rather rich, light loam or sandy soil, and an exposed sunny situation. Half-hardy annual.

Double Mixed. All colors. Pkt. 10 cts. **Single Mixed.** All colors. Pkt. 5 cts.

PHLOX DRUMMONDI GRANDIFLORA

For a splendid mass of colors and a constant display, this is not excelled by any other annual, commencing to bloom quite early and continuing until severe freezing.

The seed may be planted in the open ground May 1st or in hot bed or house earlier, and afterwards transplanted to where wanted into rich ground, eight to ten inches apart each way. Hardy annuals; one foot.



Pinks



Double Portulaca

ANNUAL POPPIES

American Flag. Flowers extra large, double; snow-white, with each petal bordered with scarlet. Pkt. 5 cts.

Snowdrift. Flowers large, double and as round as a ball; pure white, with fringed petals. One of the best. Pkt. 5 cts.

Mikado. The flowers are double, brilliant scarlet and white, with beautiful curved petals. Pkt. 5 cts.

Tulip. The flower resembles a tulip. The color is intense scarlet, with deep black spots appearing at the base of each petal. Pkt. 5 cts.

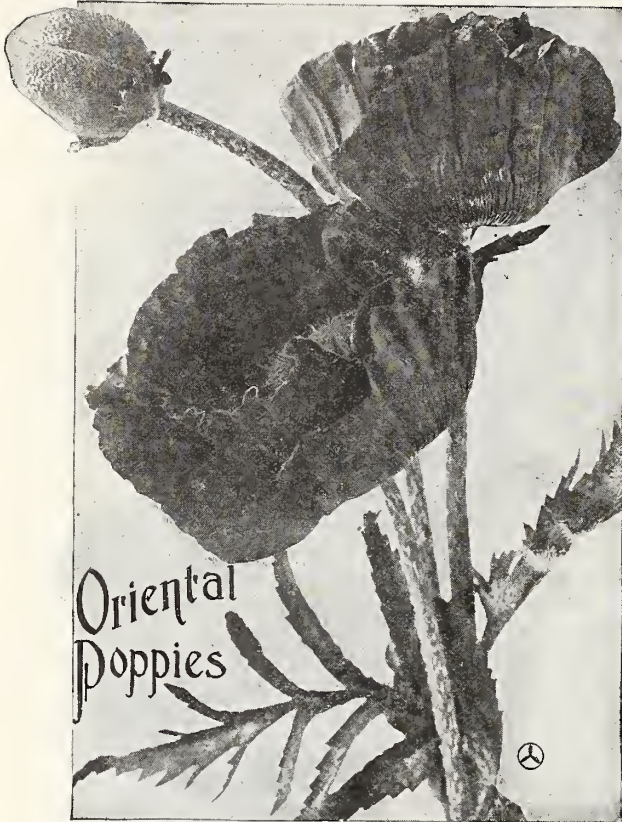
Carnation Flowered. Brilliant, large, showy, double flowers of various colors. Mixed. Pkt. 5 cts.

Shirley. The most beautiful strain of the entire Poppy family. The colors range from blush white through many tints to bright crimson. Mixed. Two and one-half feet. Pkt. 5 cts.

Paeony Flowered. Choice mixed. Pkt. 5 cts.

Double Mixed. Annual varieties. Pkt. 5 cts.

Single Mixed. Annual varieties. Pkt. 5 cts.



HARDY PERENNIAL POPPIES

SMALL FLOWERED

Iceland. (Papavar Nudicaule.) Flowers two to three inches in diameter. Sown early in spring will commence blooming in June and continue until cold weather if not allowed to bear seed. Choice mixed colors. Pkt. 5 cts.

LARGE FLOWERED

For permanent beds these brilliant large flowering hardy Poppies stand unrivaled; the flowers average six inches across, and are simply grand when in bloom, the plants are robust growers, three to four feet high. They do not bloom the first year from seed, but will last for years, improving continually.

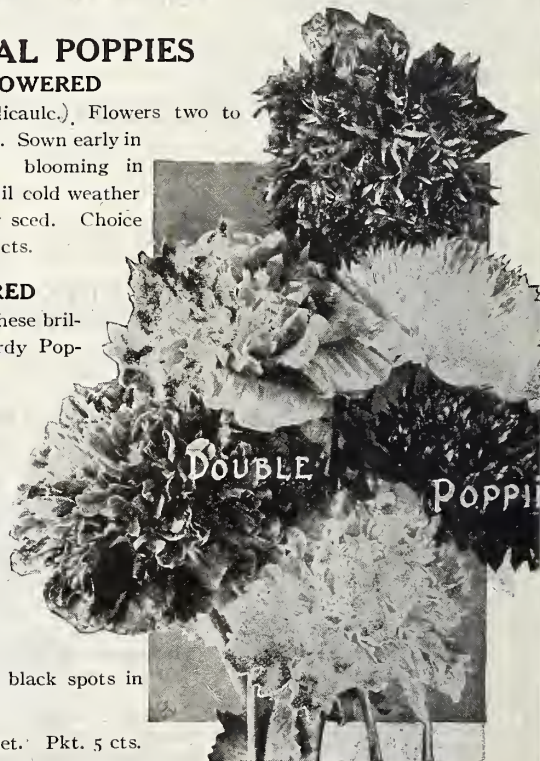
Bracteatum. Crimson, black spots in center. Pkt. 5 cts.

Orientele. Orange-scarlet. Pkt. 5 cts.

Large Flowered. Mixed. Pkt. 5 cts.



**Tulip and Paeony
Flowered Poppies**





Ricinus

PLATYCODON

(Balloon Flower)

Curious shaped flowers in blues and whites. The unopened buds curiously resemble miniature balloons. Hardy perennial, 2 to 3 feet. Seed sown in early spring will bloom the next August.

Mixed colors. Pkt. 10 cts.

PRIMROSE

(Chinese Fringed)

The Chinese Primrose is one of the finest plants for winter and spring blooming in the house or conservatory; they do well in a cool room and in a north window where most other plants fail; in bloom all winter. Greenhouse perennials.

Choicest Mixed Colors. Pkt. 20 cts.



Platycodon

PRIMULA OBCONICA

Grandiflora Hybrida. The flowers are of a soft lilac shade, it is fine for pot culture, also for the open border during the summer months. If sown early in the spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. Pkt. 15 cts.

PYRETHRUM

Roseum Hybridum. Showy, hardy perennials, blooming the first season if sown early. They grow two feet high. The foliage is fine. The flowers are large and in color white, rose, crimson and scarlet. A fine cut flower.

Double Mixed. ☉ Pkt. 25 cts. **Single Mixed.** ☉ Pkt. 5 cts.

Pyrethrum Parthenefolium Aureum. (Commonly called "Golden Feather.") Foliage yellow, very ornamental. Makes an excellent border plant. Pkt. 5 cts.



RICINUS ZANZIBARENSIS

(Giant African Castor Oil Plant)

This plant has enormous leaves beautifully lobed. Planted singly it makes a perfect pyramid, thickly set with its broad palmate leaves; a large group of them gives a fine tropical effect. Sow in hot bed and transplant when three leaves have formed, or sow in ground where they are to grow.

Tender Annual. Mixed. Pkt. 5 cts. Oz. 20 cts.

SALPIGLOSSIS ☉

The colors are marbled and penciled purple, scarlet, crimson, yellow, buff, blue and almost black. Many of the flowers have the appearance of being sprinkled with gold dust. Bloom from August to October. Produced on long stems making an ideal cut flower. Very easily grown. Half-hardy annual; 2 feet.

Emperor. Choice mixed. Pkt. 5 cts.



Salpiglossis
Emperor

SALVIA (Scarlet Sage)

This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

Splendens. One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from one and one-half to three feet in height and are completely covered with showy sprays of bright scarlet flowers. Pkt. 5 cts.

King of the Carpets. A very dwarf free flowering type; splendid for beds and borders. Pkt. 15 cts.

Drooping Spikes. This large flowering variety has three times the flowering capacity on each spike of the ordinary Salvia Splendens. The flowers are produced in great numbers causing the spikes to droop by their own weight. Pkt. 10 cts.



Salvia Zurich

Zurich. A dwarf variety with long spikes of brilliant scarlet flowers. It is free blooming, and a desirable addition. Pkt. 10 cts.

Clara Bedman. (Bonfire.) It grows about two feet high and as many broad and very compact. Its long spikes of fiery scarlet flowers stand up stiff and erect well above the foliage. Pkt. 10 cts.



Scabiosa (Mourning Bride)

SCABIOSA ©

(Mourning Bride or Sweet Scabiosa)

One of the handsomest summer border plants, producing in great profusion splendid flowers for table bouquets, etc. Hardy annual; 2 to 3 feet. **Double.** All colors mixed. Pkt. 5 cts.

SCHIZANTHUS or BUTTERFLY FLOWER ©

These annuals produce a wealth of beautiful flowers, very dainty and of many colors, spotted, blotched, veined, orange, purple, etc. Fine for pot plants and very easily grown from seed. Sometimes sold and known as the Butterfly flower.

Hybridus Grandiflora. Choice mixed. Pkt. 5 cts.

Wisetonensis. One of the finest large-flowered sorts, colors ranging from pink with brown center to white, yellow center. Excellent for pot plants. Pkt. 15 cts.



Schizanthus

SMILAX

(*Myrsiphyllum Asparagoides*)

A graceful tuberous-rooted, tender perennial climber, none surpassing it for its glossy deep-green, most delicate foliage and small white flowers; fine for vases and baskets. Soak the seed 24 hours before sowing; 6 to 10 feet. Pkt. 5 cts.

STOCKS (Gilly Flowers)

Stocks leave little to be desired in general usefulness of a flower of its type. They are very easy to grow and have splendid foliage and beautiful fragrant blossoms in a wide range of colors, that are produced in lavish profusion throughout a long season. A very useful bedding and pot plant. Sow in hot beds or boxes during March and April, transplanting to boxes or pots, when weather is suitable transplant to open ground, about one foot apart, for early flowers. Sow in open ground in May. Plants may be lifted in fall and potted up for winter blooming indoors.



**Large Flowering
Ten Weeks Stocks**

LARGE FLOWERING DOUBLE TEN WEEKS

The Ten Weeks Stocks bloom from 10 to 12 weeks after being sown; grow from 6 to 18 inches high, and in light, rich soil bear an immense quantity of bloom, each plant forming a perfect bouquet of delightful fragrance. Half hardy annual.

Princess Alice. (Cut and Come Again.) A valuable cut flower variety of the perpetual blooming type. Double pure white. Pkt. 10 cts.

Double Dwarf Mixed. Early flowering, a choice assortment. Pkt. 5 cts.

Double Giant Perfection Ten Weeks. Tall, late flowering class. Choice mixed. Pkt. 5 cts.

WINTER STOCK

Brompton. Blooms well in winter, flowers very fragrant. Half-hardy biennial; one and one-half feet high. All colors mixed. Pkt. 10 cts.

STOKESIA (Stokes Aster)

A splendid perennial for garden culture. Splendid in beds or borders. Its ease of cultivation should make it very popular. Blooms first year from seed.

Cyanea. Showy deep lavender-blue, aster-like flowers produced in clustered heads from early June till late in the fall. Pkt. 10 cts.

Alba. A new sort, identical with Cyanea, except in color, which is a pure white; very desirable. Pkt. 10 cts.

SUNFLOWER (*Helianthus*) ☉

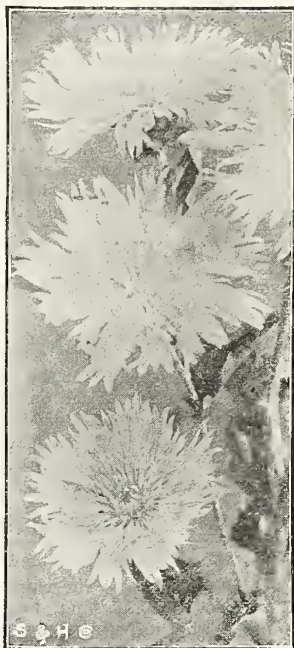
Purpureus. (New Red Sunflower.) This novelty makes a striking appearance and should be in every garden.

The flowers of good form and unusual beauty come in various shades of red and red margined with yellow and range from two to five inches in diameter. Plants grow from five to eight feet high, branch freely and are covered with blossoms. Makes an excellent plant for screens or hedges and provides a valuable cut-flower. Pkt. 15 cts.

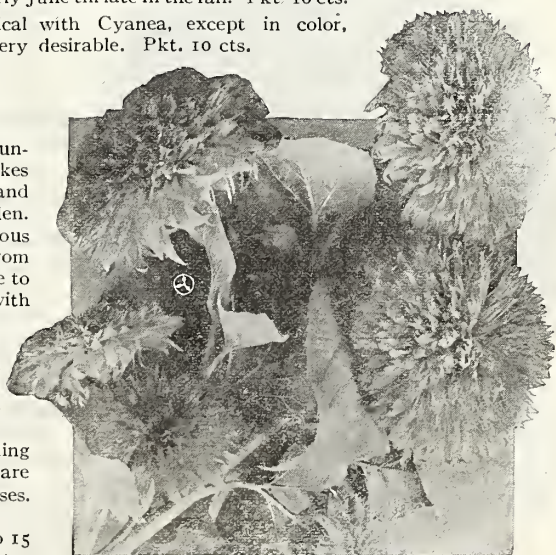
Double Chrysanthemum Flowered. Grows about six feet high and blooms profusely. The perfectly double flowers are bright yellow, of different sizes, from three to six inches in diameter. Pkt. 5 cts. Oz. 25 cts.

Cut and Come Again Sunflower. (The Ever-Blooming Type.) The single flowers, three to four inches across, are borne on long stems admirably adapted for vases. Choice colors in mixture. Pkt. 5 cts.

Large Russian. A very tall growing double variety; 10 to 15 feet. The seed used for poultry. Oz. 5 cts., ¼ lb. 10 cts., lb. 30 cts.



Stokesia



Helianthus Double Chrysanthemum Flowered

SWEET PEAS ©

To succeed best they should be sown as soon as the ground can be worked in the spring. Good soil thoroughly mixed with well rotted manure dug to a depth of one foot or more will give splendid results; when well up give brush or strings to support them. May also be sown late in fall about middle of November and will bloom earlier. They commence to bloom early, and if the flowers are picked as soon as they fade will continue all summer.

SPENCER TYPE or ORCHID FLOWERED

A distinct race of beautifully waved and frilled flowers of enormous size.

SIX SUPREME SPENCERS

This group is selected for their magnificent size of flowers and variety of color. Each one is of a distinct shade, with wonderfully frilled flowers of gigantic size.

Asta Ohn. A giant frilled lavender. The long erect stems usually carry four of the enormous flowers. Color soft and pleasing. Pkt. 10 cts. Oz. 25 cts.

Countess of Spencer. The original of the Spencers. Standard finely waved, clear pink wings. Pkt. 10 cts. Oz. 25 cts.

King White. The white is pure and opaque; stems long, bearing almost uniformly fours; immense petals of finest frilled type. In strength of vine, size of flower, frilled form and finish, it is truly "king." Pkt. 15 cts. Oz. 35 cts.

Primrose Spencer. A very long stemmed clear primrose yellow. Pkt. 10 cts. Oz. 25 cts.

Vermilion Brilliant. A brilliant scarlet. Bold standard, splendidly waved. Pkt. 10 cts. Oz. 25 cts.

Wedgewood. A beautiful unique shade of Wedgewood blue. A profuse bloomer of large sized flowers which are beautifully waved. It is a color long wanted and is in much demand. Pkt. 10 cts. Oz. 35 cts.

One packet each of the Six Supreme Spencers for 50 cts.

Apple Blossom Spencer. An exact reproduction of Apple Blossom color, and having the splendid wavy blossoms of the Spencer type. Pkt. 10 cts. Oz. 25 cts.

Aurora Spencer. Flowers striped and mottled with orange salmon upon a background of creamy white. Pkt. 10 cts. Oz. 25 cts.

Captain of the Blues. A true blue Spencer, very large. Pkt. 10 cts. Oz. 25 cts.

Dobbie's Cream. This is the best cream Spencer offered to date. Large waved flowers of pleasing color. Pkt. 10 cts. Oz. 25 cts.

Empress Eugenie. The color is a delicate tone of light gray, flaked with light lavender. The flowers are of large size, beautifully waved and crimped. A vigorous grower and very free bloomer, throwing a large proportion of four-flowered sprays. Pkt. 10 cts. Oz. 35 cts.

Florence Morse. A dark pink Spencer. Pkt. 10 cts. Oz. 25 cts.

Florence Nightingale. A magnificent lavender. Standard and wings large and well waved. Pkt. 10 cts. Oz. 25 cts..

Geo. Herbert Spencer. A new Spencer, bright rosy carmine in color. Pkt. 10 cts. Oz. 25 cts.

Helen Lewis. A true orange Spencer. Pkt. 10 cts. Oz. 25 cts.

Illuminator. One of the most charming combinations of color yet seen in Sweet Peas. The ground color is a warm salmon-orange with bright cerise-pink. Flowers which are placed on long stout stems, are expanded and beautifully waved. Pkt. 10 cts. Oz. 35 cts.

King Edward VII Spencer. The grand carmine, scarlet flowered Spencer. Flowers are deeply frilled. Pkt. 10 cts. Oz. 30 cts.

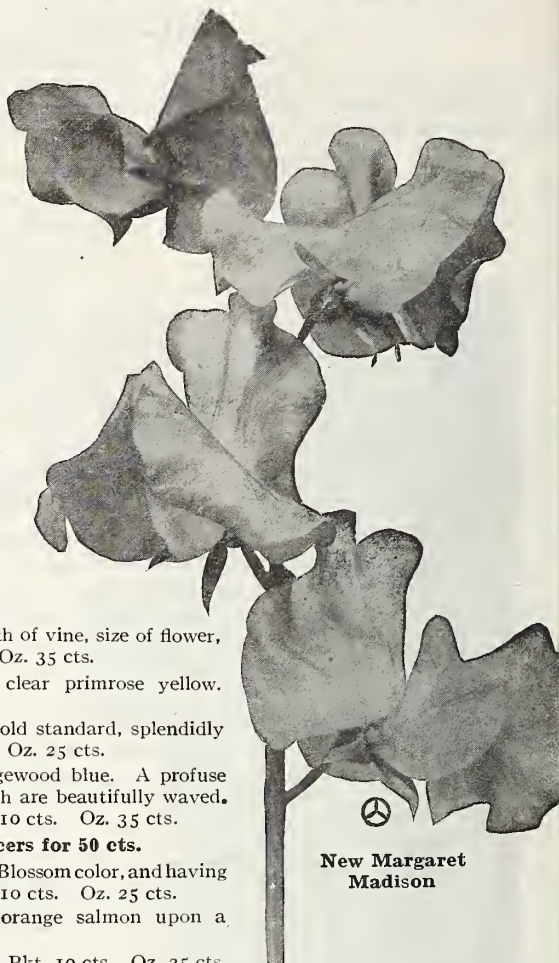
Masterpiece. Lavender, one of the finest. Immense large flowers almost always borne in fours. Pkt. 10 cts. Oz. 35 cts.

New Margaret Madison. A large perfect Spencer of delicate azure hue. The newly opened flowers show a tint of mauve changing until the fully expanded flowers are a clear light lavender. Pkt. 10 cts. Oz. 25 cts.

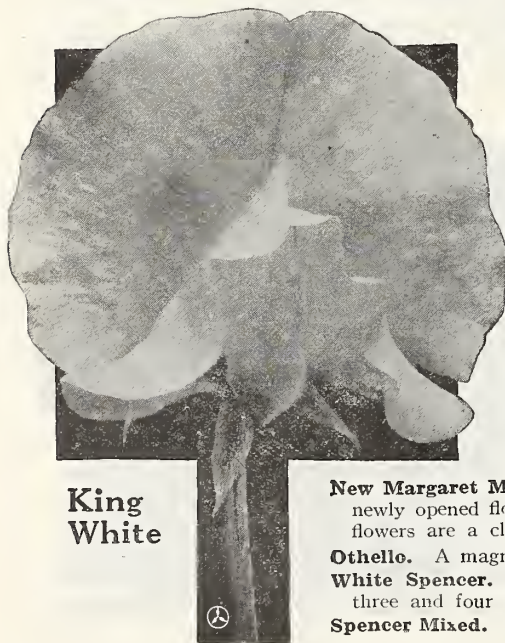
Othello. A magnificent maroon Spencer. Pkt. 10 cts. Oz. 25 cts.

White Spencer. It has a very large fluted and crinkly standard. Flowers borne three and four on long stems. Pkt. 10 cts. Oz. 25 cts.

Spencer Mixed. All varieties. Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50.



New Margaret
Madison



King
White

EARLY FLOWERING SPENCERS

Fully as large flowered as the other Spencers, come into bloom from two to three weeks earlier and flower throughout a long season.

Early Snowflake. This is the best of the early white-seeded Spencers. Large frilled flowers, of purest white. Pkt., 20 seeds, 15 cts.

Early Heatherbell. Upon first opening this is a pleasing mauve, but after being cut and stood in water a short time changes to a beautiful mauve lavender. Pkt., 20 seeds, 15 cts.

Yarrowa. Very large frilled flowers borne upon strong, erect stems. Color at first is rose changing later to a clear pink, wings are blush tinted with buff. Pkt., 20 seeds, 15 cts.

EARLY GRANDIFLORA TYPE

Christmas Pink. Silvery pink and white. **Christmas White.** An early clear white.

Mrs. Totty. Flowers sky-blue. Very fine.

Each of above, pkt. 5 cts., oz. 20 cts.

GRANDIFLORA STRAIN

These splendid Peas while not waved and crimped as Spencers, are indeed fine. Many blossoms are as large as the finest Spencers. The following list contains all the leading kinds and colors.

Price for any of the following: Per pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

Dorothy Eckford. One of the best pure whites.

Duke of Westminster. Clear purple, tinted violet.

Hon. Mrs. E. Kenyon. Deep primrose.

Katherine Tracy. A clear, but delicate pink.

King Edward VII. An intense shade of crimson.

Lady Grizel Hamilton. Soft lavender, tinted with mauve in the standard.

Lottie Eckford. White ground shaded with lilac and having a deeper border at edges of both wings and standard.

Miss Willmott. Orange pink, veins of a deeper orange pink.

Mrs. Geo. Higginson Jr. A light lavender or nearly sky-blue.

Mrs. Walter Wright. Creamy pink changing to mauve and violet red.

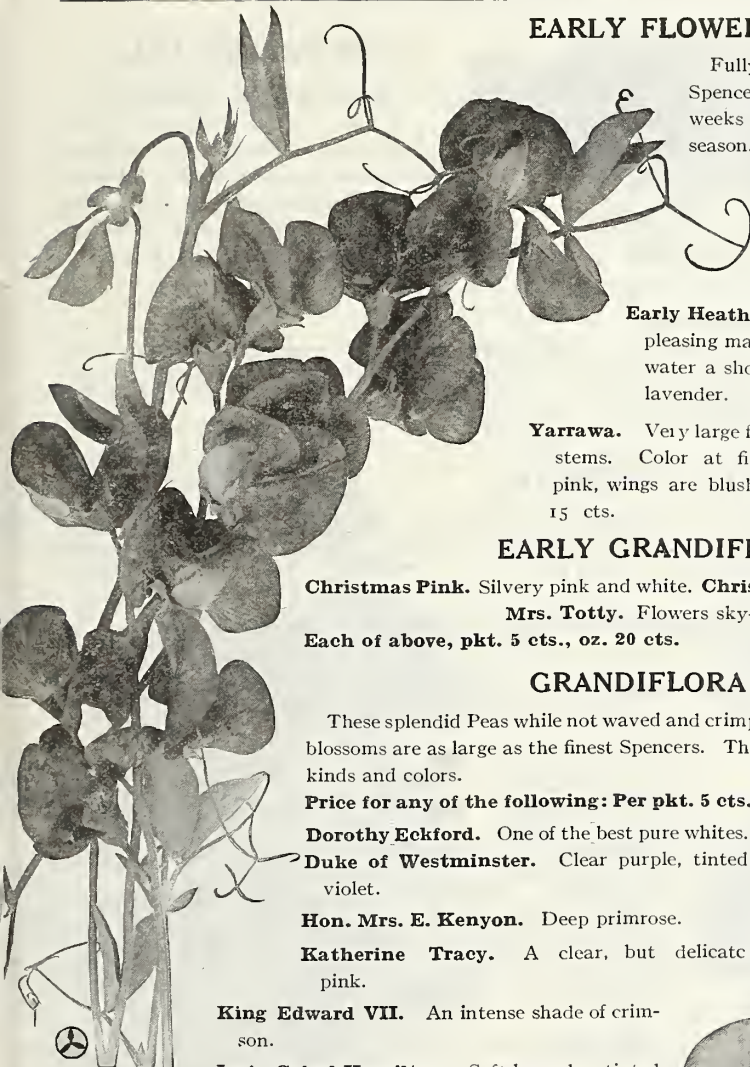
Shasta. A clear pure white.

Grandiflora Strain. (Mixed.) This splendid mixture comprises all of the above colors and shades besides many others. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

CUPID OR DWARF SWEET PEAS

These grow only about six to eight inches high, with flower stems about six inches long, which bear three and four blossoms each, of delicious fragrance.

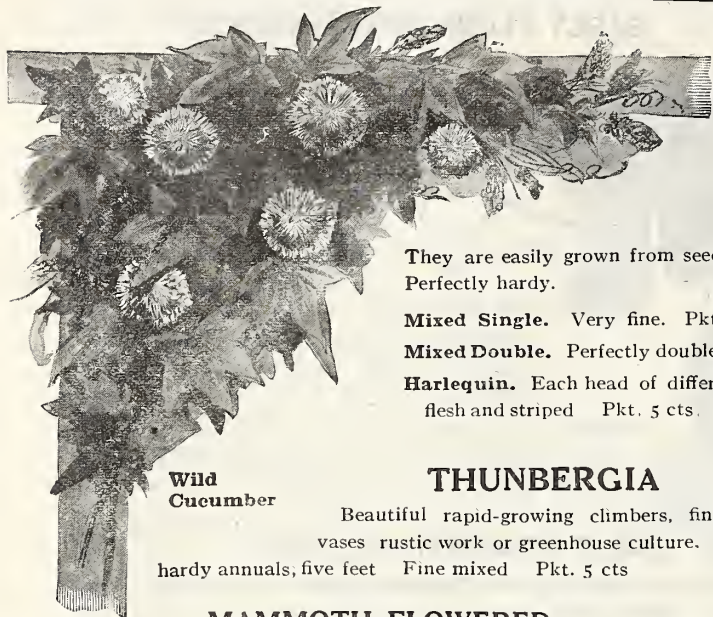
Cupid Mixed. A fine mixture. Pkt. 10 cts., oz. 25 cts.



Black Knight



Prima Donna



**Wild
Cucumber**

THUNBERGIA

Beautiful rapid-growing climbers, fine for vases rustic work or greenhouse culture. Half-hardy annuals, five feet Fine mixed Pkt. 5 cts

MAMMOTH FLOWERED VERBENA

In good soil, the Verbena, as an annual creeper, produces abundant foliage and is literally covered with the large umbels of brilliant blossoms. For early blooms sow in boxes and trans-

plant into rich soil fifteen inches apart. May be sown in April in the open and thinned.

This choice strain has large flowers of very brilliant colors.

Pink. Pkt. 10 cts.

Scarlet. Pkt. 10 cts.

White. Pkt. 10 cts.

Blue and Purple

Shades. Pkt. 10 cts.

Striped. Pkt. 10 cts.

Mixed. All shades.

Pkt. 10 cts. $\frac{1}{4}$ oz. 25 cts.



Verbena

SWEET WILLIAM (Dianthus BarbatuS)

There is perhaps no flower more favorably known than the Sweet William. Hardly any garden is considered complete without its planting of Sweet Williams.

They are easily grown from seed and produce a wonderful array of color. Perfectly hardy.

Mixed Single. Very fine. Pkt. 5 cts.

Mixed Double. Perfectly double, and a great variety of colors. Pkt. 5 cts.

Harlequin. Each head of different colored florets, crimson, white, pink, flesh and striped Pkt. 5 cts.



Sweet Williams

WALL FLOWER

Deliciously fragrant and combine many shades of color; the orange, purple and chocolate predominating; tender perennial, one and one-half feet.

Double Mixed. Pkt. 10 cts.

Singe Mixed. Pkt. 5 cts.

WILD CUCUMBER

A climber which reaches a height of 30 feet in one season. It is covered with clusters of white sweet-scented flowers followed by an abundance of ornamental seed pods. Hardy annual. Oz. 15 cts. Pkt. 5 cts.

ZINNIA, ©

Few flowers are so easily grown from seed sown in the open ground, or bloom so abundantly and continuously as this hardy annual. Marvelous improvements have been wrought in the newer strains. During the month of August, Zinnias are incomparably bright. We recommend them for groups, beds, borders and summer hedges. Sow seed in the open ground early in spring. Height, $1\frac{1}{2}$ to 2 feet.

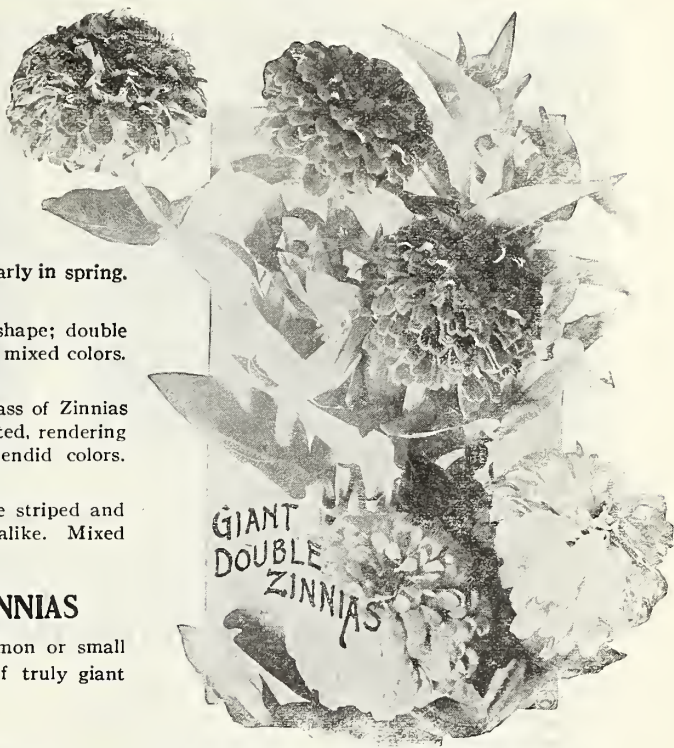
Double Pompon. Flowers small and of good shape; double and of beautiful form; fine for bouquets. Fine mixed colors. Pkt. 5 cts.

Curled and Crested. The flowers of this fine class of Zinnias are large, full and double, the petals being twisted, rendering them free from stiffness. A variety of splendid colors. Pkt. 5 cts.

Zebra. Flowers of all colors, many of which are striped and spotted with different shades, hardly any two alike. Mixed colors. Pkt. 5 cts.

GIANT FLOWERED DOUBLE ZINNIAS

These are not to be confused with the common or small flowered strains, as they are a distinct race of truly giant flowered Zinnias.



Giant Flowered Crimson. A rich shade. Pkt. 10 cts.

Giant Flowered Orange. Pure orange. Pkt. 10 cts.

Giant Flowered Pink. Clear light pink. Pkt. 10 cts.

Giant Flowered Purple. Clear deep purple. Pkt. 10 cts.

Giant Flowered Scarlet. A flaming red. Pkt. 10 cts.

Giant Flowered White. Pure snow white. Pkt. 10 cts.

Giant Flowered Mixed. A splendid mixture of all of the above and others. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

STORRS & HARRISON CO.'S

"COLOR RIOT"

Wild Garden Mixture

Many of our customers desire to have a wild garden with all kinds of flowers in it. And others have only a small plot and don't know what to plant. For these customers we have prepared a mixture of all desirable annuals, for effect the first year. For those that desire a permanent "Wild Garden," our "Color Riot" Perennial Mixture is recommended. Either mixture is just what the name implies—a veritable riot of color.

"Color Riot" Annual Mixture. Contains a mixture of hundreds of free flowering annuals that will give amazing effect the first year. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

"Color Riot" Perennial Mixture. A splendid mixture of permanent flowers, all free flowering and very desirable. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



Zebra and
Giant Scarlet Zinnia



PLANT DEPARTMENT



THIS DEPARTMENT embraces the output of 45 large greenhouses, numerous up-to-date propagating frames and more than 25 acres of land. It embraces a great assortment of Summer Bedding Plants, Flowering House Plants, Decorative Plants, Vining Plants for boxes and baskets, Summer Flowering Bulbs, Tender Roses, Aquatic Plants and a splendid collection of Hardy Perennial Plants. In a few things—such as Flowering Begonias, Fuchsias, Ferns and Palms—we have probably the largest and most complete stocks in the country. In all other kinds and varieties, our supply is commensurate with our trade requirements as

THE LEADING DEPARTMENTAL NURSERY OF AMERICA.

PRICES. All prices listed under this department are priced for delivery by mail, postage prepaid—unless otherwise specified. Express shipments are not prepaid.

Shipment by Mail. To reduce weight and volume, all pot plants are shipped without pots, and with most of the dirt knocked off. Various kinds of plants cannot be safely mailed, and are specially excepted following their descriptions. Mail service is generally prompt and satisfactory for any distance if weight is not too great to allow sufficient packing for preservation of the stock.

Shipment by Express. The heavier plants are selected; nearly all the soil is retained; adequate packing material used and substantial cases or containers are furnished free—on deliveries by express. In many cases a special and lower price is quoted for express orders.

No Plants by Freight. The slowness and uncertainty of freight service make its use very impracticable and unsafe for all tender plants and perennials. If such stock is ordered shipped in this way, customer must assume entire risk of loss or damage.

We Guarantee Safe Arrival. Shipments of stock listed under Plant Department, by mail or express, are guaranteed to reach destination in good condition. We should be advised if delivery is not made within a reasonable time after notification is mailed from this office. Examine stock carefully upon arrival, and report **promptly** any items damaged or in poor condition. After safe delivery in good condition, we do not assume responsibility for future growth or failure.

CIRCULAR BED PLANTING TABLE

We receive so many inquiries as to number of plants required for beds of various sizes, the following table is offered to furnish such information. If plants are to be 6 inches apart, commence outside row 3 inches from edge of circle; if 12 inches apart, then 6 inches from edge, etc. It is important to make the outer rows compact, although the inner rows may be more openly spaced. The table below is for circular beds, but a square will require about the same number of plants. An oval bed may be compared to a diameter found by adding length to breadth and dividing by 2.

Diameter of bed.	Plants 6 in. apart.	Plants 12 in. apart.	Plants 18 in. apart.	Plants 24 in. apart.	Plants 30 in. apart.
3 feet	28	7			
4 "	48	12	6		
5 "	80	20	8		
6 "	112	28	13	7	
7 "	152	38	17	9	
8 "	200	50	23	12	
9 "	256	64	28	16	
10 "	320	80	36	20	13
11 "	380	95	42	24	16
12 "	452	113	50	28	18
13 "	528	132	59	33	22
14 "	612	153	68	39	25
15 "	704	176	78	44	28
16 "	804	201	89	50	32
17 "	904	226	100	57	36
18 "	1016	254	113	63	40
19 "	1132	283	126	71	46
20 "	1256	314	139	78	50

IN ADDITION to our greenhouse equipment, we have an ample complement of first class, up-to-date propagating and storage frames; commodious assembling and packing rooms; and one of the largest and safest "cold storage" buildings in the business for harboring imported stock, such as Azaleas, Boxwoods, Bay Trees, Tree Roses, Small Evergreens, etc. A mammoth new Rose cellar, built to cover the results of many years experimenting, keeps our field grown Roses dormant and in fine condition until planting time. If "preparedness" in the matter of competent equipment, regardless of expense, has any practical virtue, the patrons of our Plant Department should receive about the best service and conditioned stock obtainable in this country.

MAIL ORDER BARGAIN COLLECTIONS

OF PLANTS AT HALF PRICE—OUR SELECTION OF VARIETIES

FOR 50c

We will send any one of the following plant collections, **post-paid**, thus giving about double the money's worth in every collection. Plants and bulbs used in filling these collections are not the cheapest varieties by any means. Many times we have a surplus of novelties and especially good varieties and these collections enable us to give our customers the benefit of our over-production.

Please Notice Conditions.

(1) Choice of varieties must be left to us, the purchaser simply mentioning the numbers of collections wanted.

(2) The prices of all collections are **NET**, except that we will send five collections for \$2.00.

- Set No. 1. 10 Everblooming Roses, in 10 varieties.
- Set No. 2. 5 Everblooming Roses and 5 Hardy Climbing
- Set No. 3. 7 Baby Rambler Roses, 7 varieties. [Roses.]
- Set No. 4. 5 Wichuriana Roses and 5 Hardy Climbing
- Set No. 5. 10 Grand Geraniums, double and single. [Roses.]
- Set No. 6. 10 Geraniums, all classes assorted.
- Set No. 7. 10 Carnations, leading varieties.
- Set No. 8. 7 Beautiful Fuchsias, 7 varieties.
- Set No. 9. 8 Flowering Begonias, distinct sorts.
- Set No. 10. 7 Large flowered Cannas.
- Set No. 11. 10 Fine large flowered Chrysanthemums.
- Set No. 12. 10 Bedding or Basket Plants, 10 varieties.
- Set No. 13. 1 Caladium Esculentum, 4 Cannas and 12 Gladiolus.
- Set No. 14. 30 Gladiolus, choice mixed, all blooming bulbs.
- Set No. 15. 3 Violets, 4 Geraniums, 3 Carnations.
- Set No. 16. 5 Roses and 5 Geraniums, all different.
- Set No. 17. 5 Carnations and 5 Roses, all different.
- Set No. 18. 4 Chrysanthemums, 3 Carnations and 3 Roses.
- Set No. 19. 7 Choice Hardy Herbaceous Plants, 7 varieties.
- Set No. 20. 5 Assorted Hardy Herbaceous Plants, and 5 Chrysanthemums.
- Set No. 21. 3 Palms, choice varieties.
- Set No. 22. 4 Dahlias, 4 varieties.
- Set No. 23. 6 Hardy Ornamental Shrubs, 6 varieties.
- Set No. 24. 6 Hardy Climbing Vines, 6 varieties.
- Set No. 25. 6 Ferns in variety.

ABUTILONS (Flowering Maples)



Always popular for pot plants, for summer bedding or in vases and baskets. Their flowers are perfect bell-shaped, of various colors, in masses all summer.

Daydawn. Flowers bright daybreak pink.

Souvenir de Bonn. Deep green maple-shaped leaves, widely and irregularly bordered with creamy white. Very free flowering, with bright orange flowers, veined crimson. A very distinct variety. 15 cts.

Splendens. A beautiful deep red variety, dwarf.

Unless noted, 10 cts. each; \$1.00 per dozen.

ACALYPHA

A showy class of foliage plants as bright as the best of the Coleus, much harder and not so liable to wilt in the hottest and driest weather.

Bicolor Compacta. Large ovate leaves of deep green, bordered and heavily barred yellow. 15 cts.

Marginata. Very large, waxy leaves of olive brown, with a saw-toothed edge of old rose. 15 cts.

Sanderi. (Chenille Plant.) A strikingly handsome plant equally useful for pots or bedding. Foliage deep glossy green; the flowers being fuzzy, bright red, rope-like pendants, often 18 to 20 inches long, drooping from the axil of each leaf. 15 cts.

Triumphans. Crisp pointed ovate leaves of light red, fantastically marbled in darker shades; like an immense autumn leaf. 15 cts.



Acalypha Sanderi

ACHYRANTHES

Thrive in any soil; are not easily killed by frost. They make intensely bright beds, and show off splendidly in borders to taller growing plants.

Herbsti. Transparent leaves of rosy carmine, intensely brilliant. A new form which has superseded *Brilliantissima* on account of the greater brilliancy of its color, and more compact and dwarfer growth. 15 cts. each; \$1.20 per dozen.

Emersoni. Leaves of glittering garnet, reverse side purple wine-color; veins and stems carmine.

McNally. Red stemmed; bright, rich green with yellow arching veins. A robust grower.

Unless noted, 10 cts. each; 75 cts. per dozen. By express, \$5.00 per 100.

AGAPANTHUS UMBELLATUS

(Blue Lily of the Nile)



A splendid ornamental plant with long, narrow, drooping leaves and an abundance of clustered blue flowers on stalks 3 feet long. A fine subject for lawn or porch decorations in tubs or large crocks. 25 cts. each.

AGERATUMS

Useful in all summer bedding schemes, as well as for baskets and vases. In fact, they are indispensable for these purposes on account of the serious lack of blue shades among bedding plants.

Blue Perfection. Large clusters, bright blue with purplish shadings. 15 cts.; \$1.00 per dozen.

Blue Star. Bright blue, star-shaped flowers in large clusters; even, dwarf growth. 15 cts.; \$1.50 per dozen.

Princess Pauline. Dwarf; soft blue bristles protruding from a white burr. A prime favorite.

Tapis Blue. Dark and showy.

White Cap. Pure white.

Unless noted, 10 cts. each; 10 for 60 cts. By express, \$4.00 per 100.

ALLAMANDA



Hendersoni. Magnificent flower-bells three to four inches in diameter; the richest, purest, waxiest yellow imaginable, and sweetly fragrant. Plant is strong growing, with a decided climbing tendency which makes it valuable for training on conservatory pillars and interior trellises. 20 cts. each. Strong plants from 6 inch pots by express, \$1.00 each.

ALOYSIA CITRIODORA

The well-known "Lemon Verbena," noted for its delightful fragrance of foliage. No garden is complete without it. 15 cts. each; \$1.25 per dozen.

ALTERNANTHERA

Dainty little, fine-leaved foliage plants that are invaluable for edging summer beds.

Aurea. Dwarf, fine leaved; bright yellow touched with green.

Brilliantissima. Rather broad leaves, bushy growth, mottled bronze and cream, but mostly bright red.

Carroll Park. Compact, slender leaved variety, showing a bright rose pink effect.

10 cts.; 75 cts. per dozen. By express, \$4.00 per 100.

Anthericum Mandaianum

A new variegated decorative plant, useful, when small, as center to jardinières. Larger plants are very attractive in porch boxes and hanging baskets. The leaves are only about six inches long, dark green, with a bright yellow center; the crest of each flower stem reproducing a new plant complete. 15 cts. each; \$1.50 per dozen.



Ageratum Princess Pauline

AMARYLLIS

Valuable alike for house, conservatory or garden. For pot culture they should be well drained and potted in soil composed of leaf mold and light loam, although they grow well in any rich soil.

Atamasco. One of the best of the Zephyr Lilies, ordinarily hardy in the Middle West if protected during winter. Flowers are pure white, about three inches long on 12-inch scapes, appearing from March to June. 10 cts. each; \$1.00 per dozen.

Belladonna Hybrids. A fall blooming type with beautiful flowers, on stems 18 to 24 inches high; exceedingly fragrant and free, shell pink and shades of red. 20 cts.; \$2.00 per dozen.

Formosissima. (Jacobean Lily.) Crimson velvet flowering early in summer. 15 cts.; \$1.50 per dozen.

Johnsonii. Brilliant red flowers five inches in diameter, with a distinct white stripe in the center of each petal; very fragrant. 30 cts.; \$3.00 per dozen.

ASPARAGUS



Brilliant, dark green foliage plants, unquestionably the most used of any indoor trailing plants for bracketed pots, window-boxes and hanging baskets.

Plumosus Nanus. The lace-like texture of its foliage outclasses Maiden Hair Fern for grace and daintiness; the long sprays being indispensable for floral use.

Sprengeri. Mostly used for hanging baskets where its long, dense trails make a gleaming mass of green. 10 cts. each; \$1.00 per dozen.

4 inch pot plants 25 cts.; \$2.60 per dozen.

BEGONIAS

Few families of house plants are so entirely satisfactory in every way as the Begonias. They are rich in color and beautiful in design, and all classes are easily handled under any condition. The Flowering varieties are bright with delicate, graceful panicles, set among leaves of endless variety as to shape and coloring; the Rex section, with their gorgeously painted foliage, are very rich and showy for decorating purposes; while the large, brilliant flowered Tuberous Rooted class are equally valuable indoors and out. We offer as large and complete a list as any house in the country.

FLOWERING BEGONIAS



**Alba Picta
Rosea**

Alba Picta. Leaves glossy green, thickly spotted with silvery white; flowers white.

Alba Picta Rosea. Strong growing variety with long green leaves spotted silver; flowers bright rose color.

Argentea Guttata. Purple bronze leaves, oblong in shape with silvery markings; white flowers.

Erfordia. Grows in symmetrical, compact form, with shining green foliage, continually covered with clusters of rosy salmon flowers. 10 cts. each; \$1.00 per dozen.

Glorie de Chatelaine. A new, brilliant pink bedding sort almost perpetually in bloom.

Gracilis Luminosa. A magnificent new specimen of the Semperflorens type, with flowers large, perfect and plentiful, and never out of bloom. Color the brightest scarlet. 10 cts. each; \$1.00 per dozen.



Begonia—Argentea Guttata

FLOWERING BEGONIAS (Continued)



Begonia Rubra

Mad. de Lesseps. A strong growing sort with large smooth leaves showing a satin finish, dark green above, red beneath; the ivory white flowers being borne in very large panicles.

Mrs. Kimball. Very distinct, pointed leaves of deep green numerous ribbed, the intervals marked evenly with white bristles. Flowers rosy white. 20 cts. each; \$2.00 per dozen.

Nitata. Blooms in good sized clusters of large flowers; white, delicately flushed rose.

Prima Donna. A good bedding Begonia with large, free flowers of bright pink. 10 cts. each; \$1.00 per dozen.

Richardsoni. Deeply indented, rather small green leaves slightly edged with red. Flowers pure white. 20 cts. each; \$2.00 per dozen.

Rubra. The flowers are a rich coral red hanging in large pendant clusters. One of the best.

Sandersoni. A bushy growing variety, with glossy deep green leaves; flowers in drooping clusters of scarlet; buds are heart-shaped.



Thurstoni

Thurstoni. A beautiful stately plant with remarkably handsome, glossy foliage. The under side of the leaves is a rich, purplish red, the veinings very prominent, while the face or upper side is a bronzy green, shaded with crimson and olive, with a peculiar glossy metallic luster over all. Flowers rosy white in large clusters. 20 cts.; \$2.00 per dozen.

Warscewici. The old fashioned "beef steak" Begonia. Thick, rounded leaves of deep green, with red on reverse side. 20 cts.

Unless noted, 15 cts. each; 8, our choice, for \$1.00.

TUBEROUS ROOTED BEGONIAS



When grown outside, the Tuberous Rooted Begonias should be taken up before cold weather, spread out to dry, and be packed away in boxes of dry sand and stored through winter in some cool place, yet not where frost can reach them. Some little time before planting outside in spring they should be potted and kept inside until well started. They delight in a partially shaded location in soil composed of leaf mold, sand and well rotted manure.

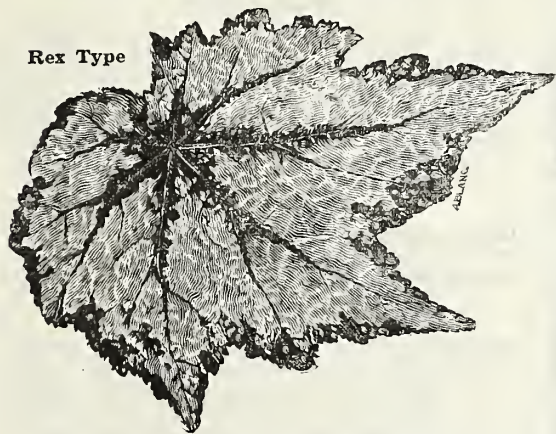
Single Flowered. Separate colors, white, pink, scarlet, crimson and yellow. 10 cts. each; 80 cts. per dozen; \$5.00 per 100.

Double Flowered. Varieties in separate colors, white, pink, scarlet, crimson and yellow. 20 cts. each; \$1.75 per dozen; \$10.00 per 100.

New Single Frilled. Beautiful flowers with wavy, crimped edges. Separate colors; scarlet, pink, white, yellow, carmine and orange. 20 cts. each; \$1.75 per dozen \$10.00 per 100.

REX BEGONIAS

Rex Type



The high coloring and exquisite markings of Rex Begonias makes them invaluable as decorative plants for house culture. They make excellent plants for baskets and vases, if given plenty of moisture and not exposed to the full rays of the sun.

Mixed varieties, varied colorings, 20 cts. each; \$2.00 per dozen.

BOUGAINVILLEA

Glabra Sanderiana



Large, bell-shaped flowers of rosy crimson, borne profusely and very evenly all over the plant. Blooms when quite small and can be trained into almost any shape. An extremely vivid show may be secured by training large potted specimens into a globe shape. Set into ornamental jardinières, these make splendid floor decorations for large rooms or lobbies. Trained to run up and along the bars of a conservatory, this plant furnishes one of the showiest, richest, most colorful climbers to be found for indoor use. On account of the lasting qualities of its flowers, it is frequently called "Chinese Paper Plant." 2½ inch pots, 20 cts. Fine 4 inch pot plants, by express, 50 cts.

BROWALIA (New Giant)



Flowers of deep indigo blue, fully two inches in diameter, blooming continually and completely enveloping the plant. Either for beds or pot plants; also useful to get blue into porch boxes and baskets. This is without doubt the most prolific and darkest colored of any summer flowering blue bedder. 10 cts.; \$1.00 per dozen.

CACTUS

Growing to a single sturdy stem, the grafted tops spreading out horizontally with age, and with the drooping flowers, making a brilliant canopy above the pot.

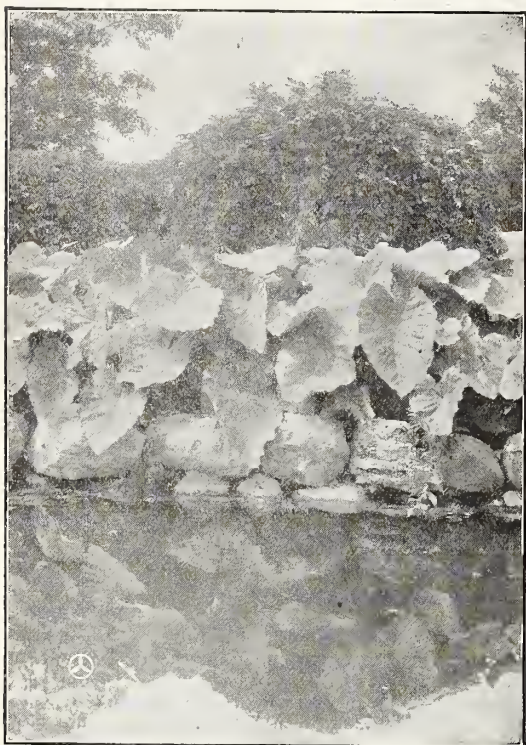


Epiphyllum
flowering crimson
drooping flowers
imms several
carried between
fect flowers at
plants we offer
ed plants with
12 to 15 inches
fine drooping
Must be sent by

Truncatum. An early
scarlet variety with long
We have seen spec-
years old, which
200 and 300 per-
one time. The
are strong graft-
straight stem,
high, making
specimens.
express; 75 cts.



Epiphyllum Makoyianum (In bloom for Easter). A beautiful variety of the Crab or Lobster Claw Cactus, with bright scarlet flowers of large size and unusually bright and showy. Must be sent by express; too large to mail. 75 cts.



"Elephant's Ear" planted in Rockery

FANCY LEAVED CALADIUMS

A class of beautiful variegated foliage plants, excellent for window boxes, vases or single pot plants, succeeding equally well in a somewhat shady situation out of doors. Among all foliage plants they are undoubtedly the showiest, reveling in many soft colors and indescribable beauties of design. After becoming well established, they require liberal watering coupled with adequate drainage. The bulbs should be started into growth about the first of April and dried off in October and kept in a warm and dry place until spring again. 20 cts. each; six for \$1.00.



Fancy Leaved Caladium

CALADIUM ESCULENTUM

(Elephant's Ear)

For obtaining tropical effects in lawn and garden planting this beautiful plant takes a prominent place. Stands six to seven feet high, with bright green leaves three to four feet long and two and one-half feet wide. Should have plenty of water and good rich soil. Is a splendid adornment for the banks of fountains and lily ponds, or any rockery work where plenty of moisture is available.

	Each	Dozen	Dozen by Express
Extra large bulbs..	35 cts.	\$3.50	\$2.75
First size bulbs...	20 cts.	2.00	1.50
Second size bulbs.	10 cts.	1.00	.75

CALLAS

Ethiopia. This is the well known and ever popular White Calla Lily whose chaste, waxen beauty has lent itself for generations to typify purity and sacredness. There is nothing to take its place in decorations for church functions, and its presence in the home is ever an inspiration. 25 cts.

Elliotiana. Leaves dark green with creamy white spots; flowers a richly lustrous golden yellow. 25 cts.; \$2.50 per dozen.

The Godfrey Everblooming Calla. (New.) Flowers as large as the largest and outbloom the others three to one; pure white. Plant dwarf and compact. 20 cts. each; \$2.00 per dozen.



Spotted Calla

Spotted. (Richardia Maculata.) Pure white, shaded violet inside. The leaves are beautifully spotted yellow and creamy white, making a handsome plant. Should be kept dry in winter and started in April. 10 cts. each; 3 for 25 cts.

CANNAS

Of all summer bedding plants, Cannas are the tallest and bulkiest, and furnish the widest range of colors. Their foliage is of noble proportions, making a full compact mass which serves to conceal the ground or background, and is of itself attractive in rich shades of green, bronze, red and chocolate. The surmounting flower trusses are uniformly large and free, brilliant with most of the colors and combinations known among flowers.

Massed plantings in one color are recommended as being most effective; many beautiful and striking combinations of colors may be arranged. We take pleasure in offering following suggestions for beds "just a little different."

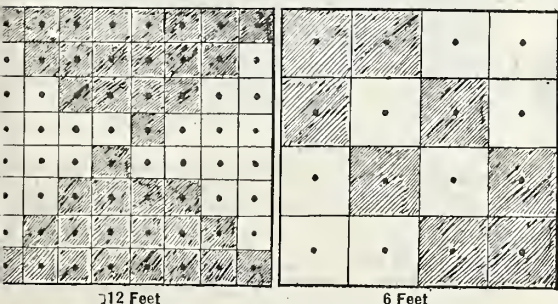
"ROYAL WEDDING" Canna Bed

King Humbert. Black leaves, red flowers.

Queen Helen. Green leaves, yellow flowers.

A more splendidly mated pair than these two Cannas—so regal in every way besides in name—will be hard to find. They match perfectly as to growth and character of foliage and flower; the contrasting colors making a rich combination.

BY EXPRESS	12 Feet	6 Feet
KING.....	38 plants	8 plants
QUEEN.....	25 plants	8 plants
Total plants...	64 plants	16 plants
Price.....	\$6.90	\$2.60



"TAPESTRY" Canna Bed

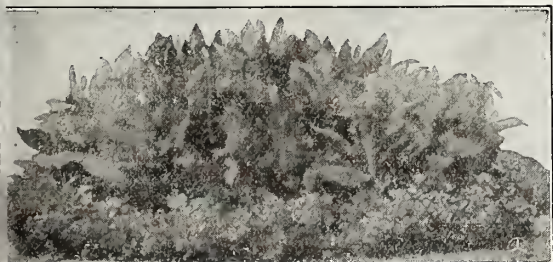
Venus. Fancy mottled cream, rose and pink.

The Gem. Spotted straw, gilt, rose and red.



An accidental bouquet combination of the two varieties here used, first suggested the delightful possibilities of a mixture of the two—planted alternately. Nothing gaudy about it, nothing startling; just a symphony of soft, dainty, pretty color tones.

BY EXPRESS	6 Feet	8 Feet	12 Feet
VENUS.....	7 plants	12 plants	25 plants
THE GEM.....	6 plants	11 plants	25 plants
Total plants...	13 plants	23 plants	50 plants
Price.....	\$2.00	\$3.50	\$6.25

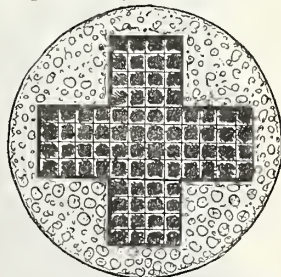


Canna Bed Edged with Baby Rambler Roses

"RED CROSS" Canna Bed

America looks to the Red Cross today with faith and love and gratitude, for the reclamation of our war-shattered fighting boys is in their hands. We owe them tribute, besides support; how may we best express it?

Nature creates flowers to express her more tender emotions; man—the imitator—employs her products in the same way. Following is a suggestion which we believe will have its patriotic and sentimental appeal, besides furnishing one of the most attractive Canna displays ever offered. Naturally the larger the planting, the more effective the design.



The Design. A cross of five squares, made by planting unusually close (15 inches apart each way)

"Crimson Bedder Canna;" the most brilliant, even-blooming, blood-red Canna grown.

Red Cross XX. Bars 30 ft. x 10 ft. = 320 plants, for \$22.00

Red Cross X. Bars 15 ft. x 5 ft. = 80 plants, for \$5.50.

These can be furnished in fine started plants after May 1st, carefully packed for shipment by express.

A surrounding circle of white flowered, dwarf growing plants would add greatly to the beauty of the design. One of the most pleasing effects obtainable at slight cost, could be made from Single White Petunias which are large, waxy-white, conspicuous, profuse and fragrant. $\frac{1}{2}$ oz. of seed, sown inside, would provide sufficient plants for a 40 foot circle to contain the XX Bed; $\frac{1}{4}$ oz. for 20 ft. circle.

SPECIAL OFFER FOR FOUR CIRCULAR CANNA BEDS

Prices applicable to special beds A, B, C or D, only.

6 Feet	8 Feet	10 Feet
Center and 1st row..... 3	Center..... 1	Center & 1st row. 6
2nd row..... 10	1st row..... 8	2nd row..... 12
Total plants..... 13	2nd row..... 14	3d row..... 18
Price \$1.10 net.	Total plants..... 23	Total plants..... 36
	Price \$2.00 net.	Price \$3.00 net.

By express. Purchaser paying charges.

CANNA BED "A"
Center... Wyoming..... Orange
Two... Prince Wied..... Crimson
Three... Buttercup..... Yellow

CANNA BED "B"
Center... D. Harum. Orange Scarlet
Two... Mad. Crozy..... Gilt Edge
Three... The Express..... Vermilion

CANNA BED "C"
Center... A. Bouvier..... Cardinal
Two... Flor. Vaughan..... Speckled
Three... Papa Nardy..... Carmine

CANNA BED "D"
Center... Richard Wallace. Yellow
Two... King Humbert..... Red
Three... Souv. de A. Crozy, Red and Yellow

PLANTING DIRECTIONS

For bedding, Cannas should be planted no less than 18 inches apart each way; starting outer rows 9 inches inside margin of bed. Thus the planting radius of a 6 ft. circle, for outside row is 27 inches. In circular beds, the tallest variety should occupy the center, the medium heights next, finishing with a dwarf kind for the outside row. By consulting our descriptions, varieties may be selected according to desired heights, which range from 2½ to 8 feet.

Formula for computing number of plants in each row of a circular bed: Radius (in inches) x 6½ ÷ 18 = plants. Each interior row requires 6 plants less than the next larger circle. Compute and always plant outer row first.

CANNA NOVELTY SECTION

In addition to several varieties which are making their first appearance in our catalog, we are continuing in this section most of the kinds offered as novelties last year. **Unless otherwise noted, all varieties have green foliage.**

TWO "BIRDS" OF A FEATHER



Firebird. This magnificent red Canna cannot be adequately described; only the full splendor of a mass in bloom bursting suddenly on the vision, can convey the brightness, the richness, the voluptuousness of its color and effect. The trusses are very large, compact, distinctive, with nicely rounded petals $2\frac{1}{2}$ inches and more wide. Stalks are firm and upright, bearing their burdens well above the foliage. The color is fast; *absolutely pure scarlet*, with no suffusion, streaks or blotches whatsoever. Height 3 to 4 feet. 20 cts. each, \$2.00 per dozen.

Goldbird. The broad petals and massive heads of "Firebird" are duplicated as to character and size, in this fine new yellow variety. Each floret unfolds a lustrous, mellow gold. With many yellow flowers, the bleaching process of maturity lessens their effectiveness; in "Goldbird" the cream and white of yesterday mingling with the fluted petals of today's new gold, create an exquisite combination of soft tones hardly equalled by any solid color. Foliage bright and healthy; height about 4 feet. Started plants after May 1st, 35 cts. each; \$3.50 per dozen.

A yellow "nest" of 3 Firebird and 10 Goldbird (6 ft. circle) for \$3.40.

A red "nest" of 3 Goldbird and 10 Firebird (6 ft. circle) for \$2.55.

Favorite. Rich, deep, golden yellow just piquantly freckled, a golden mass of bloom throughout the season. Tall up-standing stalks and attractive green foliage. 5 feet. 25 cts. each; \$2.50 dozen.

Francis Bertie. An unusually pretty shade of carmine or cerise. Flowers large, perfectly formed and freely produced. 3 to $3\frac{1}{2}$ feet. 20 cts. each; \$2.00 per dozen.

Goethe. Bronzy orange yellow flowers on long up-right stems. Foliage massive, a richly lustrous green. $4\frac{1}{2}$ feet. 25 cts. each; \$2.50 per doz.

Golden Gate. A charming parti-colored variety which opens pure gold; but soon becomes markedly rayed with orange, rose and apricot emanating from a deep carmine throat. 4 feet. 30 cts. each; \$3.00 per dozen.

Graf M. Tolstoi. Long, narrow, upstanding foliage; rich bronze, sharply ribbed with maroon. Velvety crimson flowers mottled darker, in good sized heads. 4 feet. 25 cts. each; \$2.50 per dozen.

Jane Addams. A free flowering variety of bright buttercup-yellow, with a touch of red at the throat. $4\frac{1}{2}$ feet. 20 cts. each; \$2.00 per dozen.

Lahneck. Strong growing, well set-up plants, with abundant trusses of a distinct and pretty hue; bright coral-rose, lined with carmine and narrowly edged pale gold. $4\frac{1}{2}$ feet. 30 cts. each; \$3.00 per dozen.

Mascagni. Very robust growth, but only 4 feet high. Brilliant orange scarlet flowers borne freely in immense trusses. 30 cts. each; \$3.00 per dozen.

Mrs. Alfred F. Conard. Splendid broad heads, clean and full petaled; silvered peach pink. 4 feet. 25 cts. each; \$2.50 per dozen.

Petofi. White flowers of good form, size and substance; apparently a better type than most of its predecessors in this rare color. 3 feet. 30 cts. each, \$3.00 per dozen.



Golden Gate

CANNA NOVELTIES (Continued)



Queen Helen or "Yellow King Humbert"

Queen Helen ("Yellow King Humbert.")

This is a wonderful new "sport" from King Humbert, bearing the same graceful heartshaped leaves, but richly *all-green* instead of bronze; the same regal type and immense size of flower, but a *brilliant yellow* instead of red, and produced much more abundantly. Although the general effect is yellow, each petal is beautifully spotted with red; without question one of the handsomest varieties in this type. 4 to 4½ feet. 25 cts. each; \$2.40 per dozen; \$15.00 per 100.

Remarkable. A conspicuous new bronze-leaved sort, with glowing spikes of scarlet-carmine flowers. The foliage is richly dark, and the flowers have a deep, velvety appearance even at a distance. 6 feet. 25 cts. each; \$2.50 per dozen.

Rheinstein. Distinct, clear, bright carmine. Trusses full and compact. 3 feet. Harmonizes delightfully in association with The Gem, Gold Bird, Golden Gate or Mrs. Kate Deemer. 20 cts. each; \$2.00 per dozen.

Scharfenstein. A unique light red effect resulting from a suffusion of salmon, red, orange and carmine. Large, rounded florets and graceful trusses. Medium height. 25 cts. each; \$2.50 per dozen.

Splendor. Massive heads of salmon-scarlet. Growth sturdy, but height only about 3 feet. 20 cts. each; \$2.00 per dozen.

The Gem. We heartily endorse this variety as being the most conspicuous, practical and delightful among all the light colored sorts of medium height. Its bloom is uniformly even and widespread, entirely above the foliage; trusses large and compact. Straw color and rich cream, daintily flecked with rose. 4½ feet. 25 cts. each; \$2.50 per dozen.

GIANT ORCHID-FLOWERED
or ITALIAN CANNAS

A distinct race of Cannas noted for the immense size of their Orchid-like flowers—often 5 to 6 inches across. All of these varieties are tall and stately, with glossy leaves. Used largely for high backgrounds and to center large beds. Their foliage is massive and abundant, and their vigorous roots throw up more stalks than any other class, the flowers being of largest size, although of delicate texture.

Allemania. Ground color yellow, heavily blotched and overlaid with blood-orange. 5 feet.

Burbank. Very rooty and vigorous; color lemon-yellow, thickly spotted in the throat with bright scarlet. 6 feet.

Indiana. Soft orange lightened by flecks of gold, penciled and slightly margined with deep rose. 6 feet.

Italia. Great crinkly petals of clear yellow, irregularly overlaid with varied shades of orange-scarlet. 5 feet.

King Humbert. (See description and price under Dark Foliage Cannas.)

Louisiana. Soft, glowing scarlet, with orange throat markings. 6 feet. Darkest red, we offer in the tall Italians. 15 cts.

Mrs. Carl Kelsey. A beautiful suffusion of scarlet, rose and gold.

Early blooming, with good sized flowers; and handsome green foliage, edged purple. 6 to 7 feet. 20 cts. each; \$2.00 per dozen.

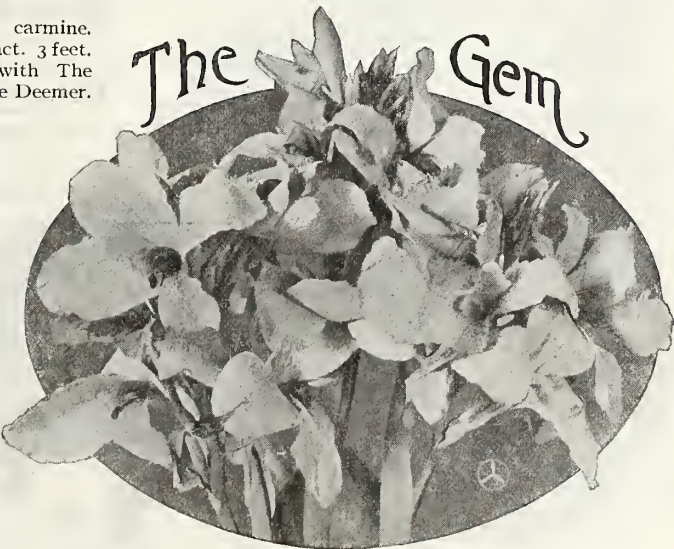
Mrs. Kate Gray. A choice large flowered sort, of fine form and substance. Color, a deep orange delicately shaded with carmine; distinct dotted yellow throat. 6 feet.

Queen Helen. (See "Canna Novelties.")

Wintzer's Colossal. Without doubt the largest flowered

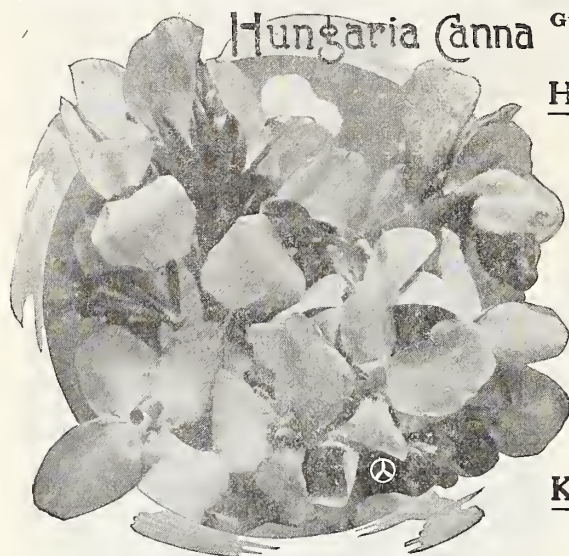
Canna to date, over 8 inches across. Strikingly vivid scarlet that retains its brilliancy. 5 feet. 25 cts. each; \$2.50 per dozen.

Unless noted, 10 cts. each; \$1.00 per dozen. By express, \$7.00 per 100.



GENERAL COLLECTION of GREEN LEAVED CANNAS

Unless noted, all varieties under this heading are 10 cts. each, \$1.00 per dozen; by express \$7.00 per 100



Alphonse Bouvier. Deep cardinal. 5 to 6 feet.

Beaute Poitevine. Bright crimson-scarlet; 3½ to 4 feet.

Black Prince. Crimson scarlet, overlaid maroon. 5 feet.

Buttercup. A profusely blooming dwarf Canna, of pure "Buttercup" yellow, which for a clear, solid yellow bed, is unsurpassed in its height. 3 feet.

Crimson Bedder. Dazzling crimson-scarlet, well displayed above the foliage. This is one of our own hobbies, and has been for years, without exception, our most conspicuous and satisfactory red bedding Canna. 3½ to 4 feet.

Dagana. Trusses and individual petals are large and evenly formed; color very bright scarlet, dotted with crimson. 20 cts. each.

Duke of Marlborough. Rich crimson-maroon. 5 feet.

Dwarf Florence Vaughan. A free flowering, dwarf form of F. Vaughan; yellow and red. 3 feet.

Eldorado. Yellow, faintly dotted red. 3½ feet. 20 cts. each; \$2.00 per dozen.

Flamingo. Bright orange-scarlet. 4 to 4½ feet.

Florence Vaughan. The original "Speckled Canna;" yellow, peppered bright red. 4 feet.

Garam. Large, bright carmine-red flowers, distinct in shade and form; a glorified Papa Nardy. 3½ to 4 feet, 15 cts. each; \$1.50 per dozen.

Gustav Gumpfer. An ideal yellow bedding sort, in color the richest kind of orange-yellow, which rarely fades. 3 to 4 feet. 15 cts. each; \$1.50 per doz.

Hungaria. This magnificent new pink Canna continues in popularity, and is widely used for large solid beds. The petals are large and waxy, made up into big round, full trusses. Its color forcibly suggests the well known Paul Neyron Rose, and is unquestionably one of the most attractive pink Cannas ever produced. 3½ to 4 feet. 15 cts. each; \$1.50 per dozen.

Julius Koch. Dwarf, stocky growth; broad heads of well rounded flowers, brilliant blood red. 3 feet. 15 cts. each; \$1.50 per dozen.

Karl Kirsten. A good, tall growing sort for center planting, 5½ to 6 feet high, with green foliage and numerous medium sized flowers of poppy red. This particular shade is entirely distinct; and in conjunction with the golden throat, presents a combination of startling beauty. 20 cts. each; \$2.00 per dozen.

Kate F. Deemer. A showy sort of variable color; a rich yellow when first opened, but bleaching to almost pure white at the ends and developing a conspicuous scarlet throat. 5 feet. 25 cts. each; \$2.50 per dozen.

Long Branch. Flowers bright crimson, with irregularly dotted border of yellow; similar to Queen Charlotte, but larger. This is one of the very best variegated sorts. 5 feet. 20 cts. each; \$2.00 per dozen.

Mad. Crozy. Gilt edged, rosy scarlet. 3½ feet.

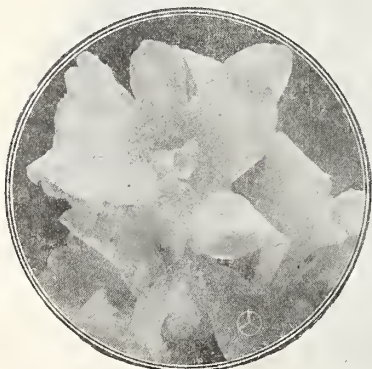
Martha Washington. A compact, dwarf bedding Canna with a fine show of wide flower heads; color deep brilliant rose. 3 feet.

Meteor. Immense heads of large, rounded flowers well displayed above the foliage; brilliant crimson. Flowers keep well and are self-cleaning. 4 feet. 20 cts. each; \$2.00 per dozen.

Olympic. (New.) Mammoth trusses of extra large flowers; the dominant color being carmine, which is boldly dappled over a ground of oriental red. 5 feet. 20 cts. each; \$2.00 per dozen.

Orange Bedder. Bright orange with just enough scarlet suffusion to accentuate the orange brilliance. ("Tango tints.") 4 feet. 25 cts. each; \$2.50 per dozen.

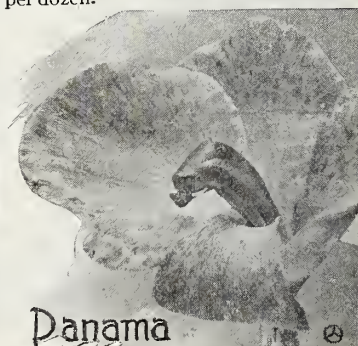
Panama. (New.) Dull red overlaid old rose, edged and slightly mottled with gold; under side of petals creamy yellow with a heavily mottled border of red. This unique "Butterfly" effect captivates the ladies on sight. 3 feet. 20 cts. each; \$2.00 per dozen.



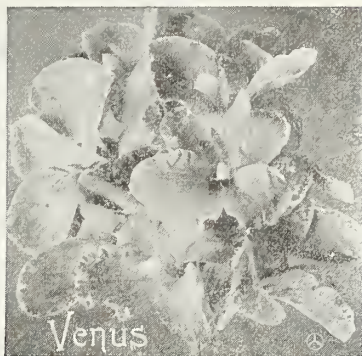
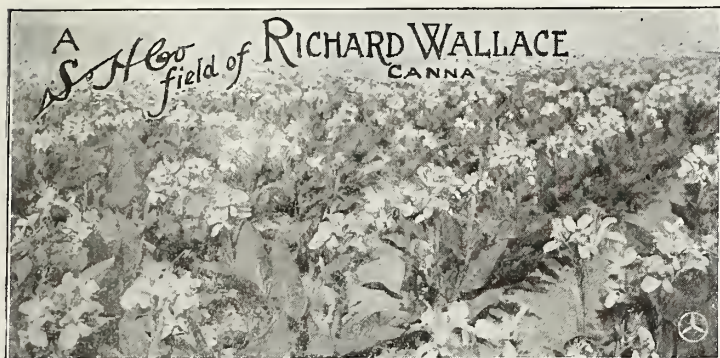
Buttercup



Olympic



Panama



GREEN LEAVED CANNAS (Continued)

Papa Nardy. Nicely rounded heads; a lively carmine rose. 4 feet.

Prince Wied. Medium sized flowers made up into unusually large trusses, rich deep crimson; fine bedder. 4 feet.

Queen Charlotte. Makes a gorgeous display in masses. Color, a wide, ragged band of yellow bordering a center of scarlet suffused carmine. $3\frac{1}{2}$ feet.

Richard Wallace. A tall growing, wide flowered, heavy trussed canary yellow—the largest and best of its color; bleaches very little. 5 feet.

Robert Christie. Orange scarlet. 5 feet.

Rosea Gigantea. Giant flowers of soft rose to carmine pink. $3\frac{1}{2}$ feet. 20 cts. each; \$2.00 per dozen.

Souv. de Antoine Crozy. Rich crimson-scarlet bordered with golden yellow. $3\frac{1}{2}$ feet.

Stuttgartia. Deep orange-scarlet, edged and elaborately mottled with gold. $4\frac{1}{2}$ feet. 20 cts. each; \$2.00 per dozen.

The Express. Foliage wide spreading and low, 2 to $2\frac{1}{2}$ feet high, crowned with massive flat heads of bloom; rich vermilion. 15 cts.; \$1.50 per dozen.

Venus. An exceedingly beautiful variety, at once the most delicate in coloring and texture, and as vigorous and long-seasoned as any Canna grown. Long, erect stems bear trusses of large size, perfect form and ever clean freshness. The large, oval petals are exquisitely variegated; warm rose-pink, mottled near center, and edged with creamy white. 4 feet. 15 cts.; \$1.50 dozen.

Wilhelm Greisinger. Full spikes and well opened flowers of bright yellow, thickly studded with scarlet. The center petal is all red, the lower petal red broken up throughout by wavy threads of gold. 3 to 4 feet. 15 cts.; \$1.50 per dozen.

Unless noted, 10 cts. each; \$1.00 per dozen; by express, \$7.00 per 100.

DARK FOLIAGE CANNAS

David Harum. Foliage dark, glossy bronze and plum; flowers orange-scarlet spotted vermilion. 4 feet.

Egandale. Currant red; very free. 3 to 4 feet.

King Humbert. The grandest Canna ever offered. Large, heart-shaped leaves of purple madder brown over bronze, the dark ribs sharply defined, crowned with immense heads of Orchid-like flowers. Individual petals are of the largest size; velvety orange-scarlet flecked carmine; rose tinted at margin and base. A combination of leaf and blossom incomparably beautiful. 4 to $4\frac{1}{2}$ feet. 15 cts. each; \$1.50 per dozen; by express, \$8.00 per 100.

Koros. A free flowering, vigorous bronze with fine flowers of orange scarlet streaked and dotted with carmine red. 4 to $4\frac{1}{2}$ feet. 15 cts. each; \$1.50 per dozen,

Montreal. Almost identical in foliage and character with King Humbert, having equally large flowers, but differing in color. Montreal is considerably darker—a pure vermilion scarlet. 4 feet. 20 cts. each; \$2.00 per dozen.

Mrs. Geo. A. Strohlein. Good sized flowers and trusses of crimson-red, foliage irregularly overlaid with dark chocolate bronze. 4 to 5 feet. 15 cts.

Prof. Romberg. Good bronze foliage and bushy growth. $3\frac{1}{2}$ to 4 feet. Flowers in large trusses of fiery red.

Rubin. Very dark foliage, surmounted by shapely trusses of large flowers; intense ruby-red. 4 feet. 15 cts.

William Saunders. Handsome dark bronze foliage with mammoth clusters of large flowers, bright scarlet with a shiny silver tinge at the base of each petal. 4 to 5 feet. 20 cts.; \$2.00 per dozen.

Wyoming. A beautiful new variety, with rich purplish bronze foliage. Flowers are large as King Humbert, and of good substance; bright orange slightly rimmed and flaked with rose. 7 feet. 15 cts. each; \$1.50 per dozen.

Unless noted, 10 cts. each; \$1.00 per dozen; by express, \$7.00 per 100.





CARNATIONS



Carnation plants should be repotted whenever there is indication of their becoming pot-bound. Transplanted into the garden after all danger of frosts is over, and given at least 12 inches space, with good soil and cultivation, these plants should furnish abundant bloom from July until late Fall or may be kept "pinched" back to retard bloom, potted up at approach of frost and brought inside for winter blooming.

Alice. Delicate light pink, similar in shape and character to Enchantress.

Aviator. A new variety of good substance and bright scarlet color; early.

Benora. A handsome variegated sort; white, irregularly streaked with red.

Flowers are large and clear cut, and last as long as any variety known. 15 cts.; \$1.50 per dozen.

Enchantress. The standard shade of shell-pink, by which all other light pinks are measured.

Enchantress Supreme. A light salmon-pink which does not bleach in the full sun, and is not so liable to split as the Enchantress it improves.

Matchless. A large, pure white, long stemmed and free-blooming. The petals are attractively fringed and the perfume delightful.



Benora

Merry Christmas. A popular novelty of last year, combining large and early bloom with intense depth of scarlet color. 15 cts. each; \$1.50 per dozen.

Mrs. C. E. Akehurst. Free and fragrant; flowers of perfect form and substance with broad petals and an average width of 3 to 3½ inches; clear rose pink.

Mrs. C. W. Ward. One of the very good deep pink sorts, of attractive size and form, very free blooming and strongly scented.

Nebraska. A strong easy grower, very productive of bloom. Flowers measure 3½ inches across on stems 2 to 2½ feet long when properly grown; vivid scarlet. 15 cts. each; \$1.50 per dozen.

White Enchantress. Pure white; like its parent.

White Wonder. Snow white, very fragrant.

Yellow Prince. A very pretty yellow variety which is giving satisfaction in this difficult color. 15 cts. each; \$1.50 per dozen.

Unless noted, 10 cts., 15 for \$1.00.

CESTRUM PARQUII

(Night Blooming Jasmine)

A much esteemed summer bedding plant, with waxy dark green leaves and open panicles of tubular, creamy white flowers. Although inodorous during the day, they fill the whole garden with fragrance at night. 15 cts.



Merry Christmas



CHRYSANTHEMUMS



A small percent of the great number of varieties in Chrysanthemums are hardy and will survive the rigors of winter when left in the ground; a larger percent may be usually depended upon if given protection; but the majority of them must be kept inside during the winter.

To those who are fortunate enough to have conservatories, there is no restriction of opportunity. The magnificent, large flowered, fancy sorts may be forced and developed to the highest state of perfection; furnishing the grower and owner alike with the keen delights of devotion to beauty, and constructive rivalry with kindred enthusiasts. It is an absorbing game, played with a subject second only to the Rose.

The average householder, however, must depend upon his garden for the 'Mum show; and is naturally limited to the Earlies, Mid-seasons, Pompons, etc., which will bloom freely during the fall, and before winter sets in. The Pompon and Single types particularly, make charming potted specimens for the house during early winter. All types may be carried successfully in pots until planting time.

EARLY FLOWERING VARIETIES

While ordinarily not so large flowered as some of the later varieties, this class of 'Mums gives the best satisfaction for garden culture, and may be relied upon for bloom.

Advance. Pure white when fully expanded, showing a creamy center when semi-developed. This is the earliest large white variety known.

Alex Guttman. One of the earliest pinks; a good, solid color, and of fine form and size. 15 cts.

Alice Salamon. A fine, large incurving type, pure white.

Buckingham. Large flat or anemone-shaped flowers; pure white. 15 cts.

Clementine Touse. (Early Chadwick.) Largest white in the early flowering class.

Early Frost. One of the most perfect and free blooming of the very early pure whites.

Early Snow. Very early; pure white.

Golden Glow. Golden-yellow of velvety finish. One of the earliest and best. 15 cts.

Golden Queen. A new variety of great beauty, with perfectly incurved petalage in heads about six inches in diameter; deep rich yellow. 15 cts.

Golden Salamon. A magnificent deep golden yellow sport from Alice Salamon; with equally large bloom and more vigorous plant growth. 15 cts.

Ivory. Flowers pure white, of exquisite form and finish; petals stiff and lasting.

Monrovia. One of the very earliest; deep yellow.

Pacific Supreme. A fine seedling of Glory of the Pacific, its beautiful pink color being intermediate between the shades of Pacific and Wm. Duckham.

Polly Rose. Extremely early, pure white.

Robt. Halliday. Large, broad petaled yellow, of graceful form. A leader in its color.

Unaka. Incurved; one of the best early sorts; a warm lavender pink. 15 cts. each; \$1.50 per dozen.

Unless noted, 10 cts. each; 15, our choice, \$1.00; by express, \$5.00 per 100.

MID-SEASON 'MUMS

A. J. Balfour. Broad petals of great substance; dazzling rose pink.

Barbara Davis. A most attractive new variety with large flowers strongly reflexed; reddish bronze, with orange reverse. 20 cts. each; \$2.00 per dozen.

Chieftain. Globular, incurved, full and round; an admirable rose-pink color. A practical grower and good keeper. 15 cts. each; \$1.25 per dozen.

Chrysolora. Yellow, midway in shade between Col. Appleton and Major Bonnaffon.

Col. D. Appleton. Very large, deep golden yellow, flower of fine finish and form.

Dr. Enguehard. Bright rose-pink.

Golden Wedding. Brightest yellow.

Mrs. C. C. Pollworth. Derived from Chrysolora, showing similar shade of yellow color, with stiffer stems and better foliage. 25 cts. each; \$2.50 per dozen.

Mrs. Higginbotham. Enormous bright pink, extremely hairy.

Mrs. M. R. Morgan. A new "sport" and improved form of Yellow Eaton, superior in the matter of its center which is full and rounded, and its wondrous depth of golden yellow color. 20 cts. each; \$2.00 dozen.

Mrs. Wm. H. Chadwick. A very broad variety, with incurved petals of white, slightly tinted blush. 15 cts.

Oconto. A beautiful white Japanese type, of large size and perfect ball shape. 20 cts. each; \$2.00 per dozen.

Pink Chadwick. A beautiful pink shade in the fine Chadwick type. 15 cts. each; \$1.50 per dozen.



Advance



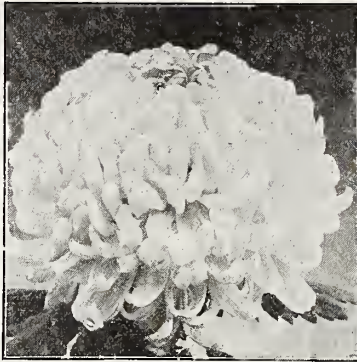
Golden Glow



Pacific Supreme



Col. D. Appleton (Page 73)



Maud Dean



White Chieftain

MID-SEASON MUMS (Continued)

Richmond.

A new golden yellow; noticeable for its long blooming season, fine form, perfect fullness and silky finish. 20 cts. each; \$2.00 per dozen.

Roman Gold. A beautiful incurved sort; darker yellow than Golden Wedding. 15 cts.

Smith's Sensation. Very large, incurved form; delicate cameo pink.

Timothy Eaton. For many years the leading large flowered white.

Vivand-Morel. Deep, rosy pink, blooming very freely and giving as large flowers as many of the newer so-called "giants."

White Chieftain. A perfect ball of compact petals; one of the most dependable white 'mums of its type for late October bloom. 15 cts.

William Turner.

The perfect exhibition white; incurved, globular, snow white of enormous size. When brought out right, has won over everything at the shows of the past three years. 20 cts. each; \$2.00 per dozen.

Yellow Chadwick. The name describes it. 15 cts. each; \$1.50 per dozen.

Yellow Eaton. A good clear yellow form of Timothy Eaton. 15 cts.

Unless noted, 10 cts. each; 15, our choice, \$1.00; by express, \$5.00 per 100.

LATE VARIETIES

Golden Chadwick. One of the very best yellows; deep in color and perfectly formed. 20 cts.

Hamburg Late White.

A snow white sport of Maud Dean, better in form and fullness; a grand keeper. 20 cts. each; \$2.00 per dozen.

Helen Frick. One of the very best dark pinks, with finished heads 6 inches wide. 15 cts.

Intensity. One of the very few red varieties. Brilliant crimson; petals reflexed. 15 cts.

Major Bonaffon. Bright, clear yellow; the yellow for all purposes.

Maud Dean. Probably the most popular large pink. Flowers extra large.

White Cloud. A Japanese type, rather loose-petaled; pure white with creamy center.

Whittier. See description of mid-season "Richmond." This is a later blooming form. Golden yellow. 20 cts. each.

Unless noted, 10 cts. each; 15, our choice, \$1.00; by express, \$5.00 per 100.

POMPON CHRYSANTHEMUMS

From being a comparatively insignificant section of the Chrysanthemum family, this class during the past few years has leaped into prominence and given the gardening world a wealth of new varieties, beautiful in form and exquisitely colored. While not all varieties are entirely hardy, their inexpensiveness makes a liberal planting worth while even for but one fall show. As pot-plants, the Pompons are in every way satisfactory and furnish some of the daintiest table decorations of the fall and winter season.

Acto. Perfectly formed, full-quilled flowers about 2 inches in diameter; bright rose with lighter reverse. Makes one of the daintiest bouquets of the autumn.



Wm. Turner



Elkton

POMPON 'MUMS (Continued)

Alena. Good sized, beautiful daybreak pink, always pretty and dependable.

Angelique. White, high built flowers.

Ashbury. Lilaceous pink. One of the earliest, freest and showiest.

The Baby 'Mum. Smallest and prettiest of the Pompons; bright golden yellow; the individual flower being one-half to five-eighths of an inch in diameter, quilled. Perfect pot plant, also valuable for cut sprays.

Baby Margaret. A trifle smaller than the yellow "Baby," equally free. Pure white. 15 cts.

Bohemia. Pure yellow.

Bronze Source d'Or. Deep golden bronze; larger than Pompon type; fine for cutting or pots.

Croesus. Brilliant orange bronze.

Delicatissima. Lower petals pale pink, center deep wine.

Delphine Dodge. Small flowered but full sprayed; light pink. 20 cts. each; \$2.00 per dozen.

Donald. Light pink button.

Doris. Reddish bronze; button type, very attractive.

Eleganta. Pale pink.

Elkton. Very compact, multi-petaled flowers of dollar size, borne in the greatest profusion; bluish white slightly tinged lavender. One of the most charming Pompons.

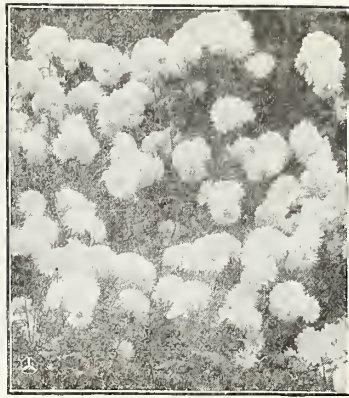
Elva. Pure white, full and fluffy.

Eugene Langaulet. (Anemone.) Large button center with outer fringe of numerous short wide petals, making a very novel and attractive Anemone effect. Color, rich golden yellow.

Excelsior. Bright orange yellow.

Fairy Queen. Early, bright pink.

Gallia. Light rosy pink.



Lilian Doty

Golden Harvest. Medium sized buttons of an attractive and very popular shade; deep, golden yellow touched with bronze. 15 cts. each; \$1.25 per dozen.

Golden West. A trifle larger than original "Baby," of same general character and yellow color. 15 cts. each; \$1.25 per dozen.

Hijos. Primrose pink; exquisitely pretty.

Hilda Canning. A distinct, beautiful bronze seedling of "Baby" Mum. 15 cts. each; \$1.50 per dozen.

Iva. Pure amber; fringed petals. 15 cts.

Julie Lagravere. Deep red, late. Best of the reds.

Katie Manning. Extra good, early yellow.

Kittie Bourne. (Anemone type.) Charming shade of yellow.

Le Pactole. A striking and altogether lovely mixture of bronze, tobacco brown and yellow; flowers almost too large for this class.

Lilian Doty. Beautifully formed shell-pink flowers in abundance, on erect stems. Early.

Lillia. Tall, stiff stems; good sized flowers, red.

Little Bob. Small reddish-brown flowers; very free.

Little Pet. Small, bright rosy-crimson.

Mariana. Pure white, in fine sprays for bunching 15 cts. each; \$1.50 per dozen.

Minta. Lovely Enchantress pink, formed like a Feverfew. Very free bloom.

Quinola. Golden yellow.

Rufus. Crimson maroon. 15 cts. each; \$1.50 dozen.

Savannah. Good yellow.

Sir Michael. Early, dwarf; rosy-crimson, bordered magenta.

Skibo. Hardy, early flowering golden button.

Viola. Deep violet, very showy and distinct.

Wm. Sobey. Tall growing; flattish flowers canary yellow

Unless noted, 10 cts. each; \$1.00 per dozen; by express, \$4.50 per 100. Special: 20 our choice, \$1.00.

SINGLE CHRYSANTHEMUMS

A very useful and satisfactory class which has been wonderfully developed during the last few years; becoming popular on account of their grace and beauty, their hardiness, ease of cultivation, and unusual color combinations. They generally run small in size, but are brilliantly colored and uniquely marked.

Ceddie Mason. Velvety bright red.

Cinderella. Clear dark pink; two full rows of petals. 15 cts. each; \$1.50 per dozen.

Firefly. Deep copper-bronze flowers, with a single row of petals, in very full sprays. 15 cts. each; \$1.50 per dozen.

Gipsy. Clear yellow center, surrounded by a triple row of petals, yellow tinged salmon; very novel and striking. 15 cts. each; \$1.50 per dozen.



Ashbury



Provence



Ramona



Priscilla

SINGLE CHRYSANTHEMUMS (Continued)

Hilda Wells. A beautiful Tuscan red, shaded yellow at base of petals.

Ladysmith. Earliest of the singles, and an ideal pot plant. Deep rose-pink, with golden eye.

Mary Richardson. Reddish-salmon, beautiful and distinct.

Merstham Jewel. Reddish terra cotta, with gold center.

Mrs. E. Roberts. Very large, blush.

Mrs. Whitehorn. Salmon terra-cotta; midseason bloom.

Pink Beauty. Anemone-shaped; earliest rose-pink.

Priscilla. Tall, sturdy grower, strong stemmed, free blooming; flowers very clear, light, rose-pink.

Ramona. Very deep reddish bronze, reverse gold tipped. Tall; one of the finest.

Red Riding Hood. Brilliant crimson flowers of good size, fully developed in October. Splendid for cut sprays, one of the best garden sorts.

Sweetness. Small, daisy-like yellow flowers.

Wenonah. Beautiful silvery bronze; one of the finest early singles.

Unless noted, 10 cts. each; \$1.00 per dozen.



Maid of Kent

HARDY EARLY FLOWERING 'MUMS

Any of the garden grown Chrysanthemums are delightful and valuable accessories of the fall display, filling gloriously a dearth of bloom from other sources just after the first October frosts; but those varieties which will resist frosts and winter-kill are doubly valuable and acceptable. The following list embraces sorts which have been carefully tested for hardiness, and have proven generally dependable in the Northern states, with slight protection.

Arlington. Strong, tall grower; deep crimson, double flower; large Pompon type.

Cranford's Yellow. Tall growing, rather late bloom. Large flowers of pure yellow.

Cranford's Pink. Same as above, shell pink flowers.

Cranford's White. Pure white inside, slightly blushed outdoors.

L'Argentuillais. Deep chestnut color; medium height.

Glory of Seven Oaks. ("The Everblooming Hardy 'Mum.") This is a good sized, bright, pretty yellow which commences to bloom in mid-summer and continues until late fall.

Normandie. Dwarf; medium sized flowers of delicate pink.

Provence. Large flowered, medium height. Bright pink with golden points.

Skibo. Golden button; only true Pompon in this class.

Yellow Normandie. Dwarf, bushy growth; well furnished with brilliant yellow flowers. 20 cts. each; \$2.00 per dozen.

LATE—NOVEMBER BLOOM

Etoile d'Or. Large, bright yellow flowers. Medium height.

Maid of Kent. Pure white flowers of large size; plant dwarf and bushy.

Unless noted, 15 cts. each; \$1.25 per dozen.

GRANDMOTHER'S HARDY GARDEN 'MUMS

The fragrant, reliable, old fashioned Chrysanthemums that reigned supreme in the garden corners and alongside the house, in our grandmothers home.

Hardy Red,—Hardy Pink,—Hardy White,—Hardy Yellow.

10 cts. each; 10 for 50 cts. By express, \$4.50 per 100.

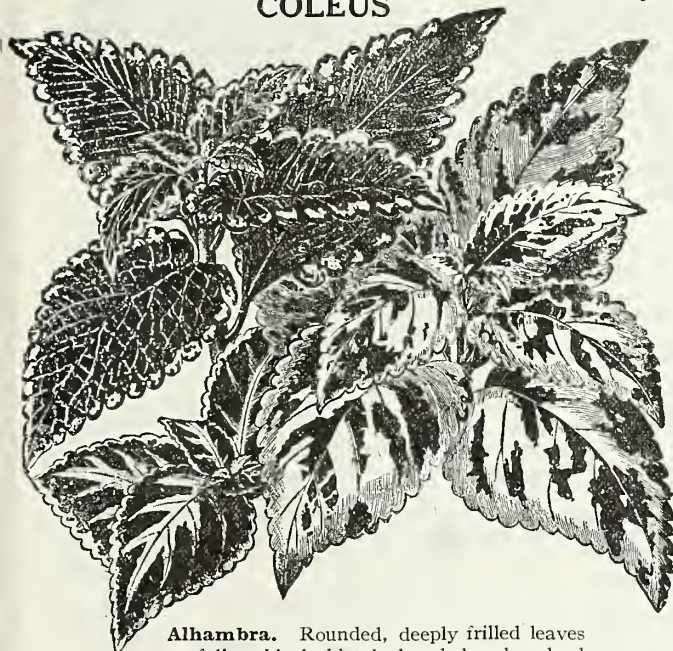


Mrs. Whitehorn

COBEA SCANDENS

One of the most rapid growing climbing plants in cultivation; grows from 20 to 25 feet high and bears beautiful deep blue bell-shaped flowers. For covering porches, trellises or arbors it has no equal and should be more generally planted. 15 cts. each; \$1.25 per doz.

COLEUS



Alhambra. Rounded, deeply frilled leaves of liver-black, blotched and sharply edged deep green. 15 cts. each; \$1.25 per dozen.

Beckwith's Gem. Large leaves of heavy texture, and finely scalloped edges. Center is dark velvety maroon, bordered fiery red; the edge green, changing to creamy yellow at the point of the leaf.

Bonnie. Large, yellowish green leaves brindled with dark red. Very striking. 15 cts.; \$1.25 per dozen.

Cecil Brown. (Trailing Queen.) One of the most attractive for close bedding, boxes and hanging baskets ever introduced. Rather small scalloped leaves of dark green, evenly checked with curving maroon lines; the wedge-shaped center gay with magenta and cream.

Chameleon. Long, deeply cleft leaves of light green, mottled with wine-color and maroon.

Crescent. Beautiful pointed leaves edged Nile green, but mainly a velvety red-maroon with a center wedge of crimson pink.

Daytonia. Yellow and green, with varying red-brown center.

Defiance. Long, lanceolate leaves of brown-red with an evenly beaded border, the outer third a bright greenish yellow. 20 cts. each; \$1.50 per dozen.

Fire-brand. Broad leaves of red-maroon with a violet over-cast, the small scalloped edges touched with green.

Golden Crown. Excellent bedder, bright yellow.

Her Majesty. Rich, warm red-brown without a blemish, confined within a beaded edge of gold.

Mrs. Hayes. Stems dark; leaves smooth, with fine saw toothed black edge, light green sparsely blotched black and white.

Queen of the West. A center wedge of creamy white bordered green; the whole margined yellow and blotched carmine and maroon. 15 cts. each; \$1.25 per dozen.

Rob Roy. Reds and browns over green, with yellowish edges. 15 cts. each; \$1.50 per dozen.

Sensation. Large leaf; velvety wine-maroon, streaked and veined carmine. One of the best dark varieties. 15 cts. each; \$1.50 per dozen.

Success. Rough, crimped leaves; with carmine-pink and cream center, and irregular green border. 15 cts. each; \$1.25 per dozen.

Verschaffelti. Rich, velvety crimson. The best dark sort of all for bedding.

Unless noted, 10 cts. each; 75 cts. per dozen; by express, \$5.00 per 100.

CLERODENDRON BALFOURI

A unique, beautiful climbing plant, having bright, scarlet flowers with creamy white calyx. A profuse bloomer, young plants a foot high often bearing several clusters. A strong, rapid grower; can be grown with success in the house or in the garden. 20 cts.

CROTONS

Excellent decorative plants, gorgeously colored with different combinations of yellow, red, white and green. They are very easily grown, do well in any warm conservatory or window, and are particularly valuable for bedding out in summer. 3 inch pots, 35 cts.; 4 inch pots, 60 cts.

CUPHEA TRICOLOR (Cigar Plant)

A bushy plant about 15 inches high, bearing great numbers of narrow tubular flowers, bright scarlet, with purple and white tips. Good for bedding or baskets. 10 cts.; 75 cts. per dozen.

CYPERUS ALTERNIFOLIUS

(Umbrella Plant)



A semi-aquatic plant, throwing up stems two to three feet high, surmounted at the top with a whorl of leaves. An excellent plant for growing in water or damp soil. 15 cts. each; 4 inch pots, 25 cts.



DAHLIAS



Spring is beautified by the Peony, summer would seem barren without the Rose; in like manner, we have come to expect of autumn—the Dahlia. The great number of more or less distinct varieties which cumber the Dahlia catalogs is bewildering. We are trying to keep our lists down to a reasonable selection from the established varieties we know, and what we deem the best of the new introductions.

CULTURE, Etc. Dahlias are not particular as to soil or location. Although maximum growth and bloom reward the full sun, some of the stronger sorts develop most perfect specimens in partial shade; and localities with a moist atmosphere or dewy nights are apt to give better results than a drier air. A judicious use of fertilizer is always beneficial, but too much causes profuse foliage and stem at the expense of bloom. Frequent cultivation prior to their blooming season is absolutely essential to success. Time for planting varies according to climate, but is generally safe after all danger of late frosts is past. Tubers should be planted about 6 inches deep, laid flat, eyes or sprout up. Although good, lively tubers are apt to produce more stalks, started plants are more sure of development, and give practically an equal amount of bloom. **We send out tubers until supply is exhausted, after which orders are filled with started plants at the same price.**

CACTUS DAHLIAS

Characterized by long, narrow, pointed, tubular and twisted petals of graded lengths, giving the layered flowers a very striking and attractive appearance. This class presents probably the most striking general appearance, and its varieties are always among the most popularly sought.

Attraction. Numerous, rather broad petals attractively waved. In perfect flowers of good size; a charming shade of lilac. 25 cts.

Bianca. A most shapely and striking flower with wide petals of lilac-white shaded rose; showing a soft primrose yellow glow from the depths around the center. 25 cts.

Brunhilde. Violet-purple; wide, loose, recurved and somewhat twisted petals. A handsome variety of rare color and attractiveness.

Countess of Lonsdale. This is an improved strain of an old and very popular variety. Longest season and freest bloom of any Cactus type; flowers very large, complete and perfect. Color, an exquisite warm blending of amber and salmon-pink.

Else. A charming new variety with a combination of delicate colors; buttercup yellow at base, gradually passing to amber, finished with a tip of Tyrian rose. One of the freest blooming and most striking of the light toned fancy kinds.

Flora. A splendid, heavy white flower, on good stems for cutting.

Floradora. Early and free flowering. Rich mahogany red, even darker at center.

Gen. French. A bold, upright effect in the field; furnishing abundant cut-blooms on long, firm stems. Flowers full and regular, a warm orange terra-cotta.

Gotterfink. Twisted petals in full, good sized flowers; deep red. 20 cts. each.

H. W. Sillem. Very large, brilliant, cardinal red shaded deeper.

Keynes White. Creamy white.

Lawine. A beautifully formed flower of large size; pure white, with a suggestion of blush at center. One of the best white Cactus for cutting.

Libellule. Exceptionally well formed and free flowering; sulphur yellow, shaded with capucine red.



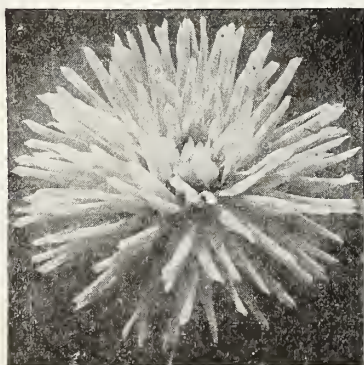
Countess of Lonsdale



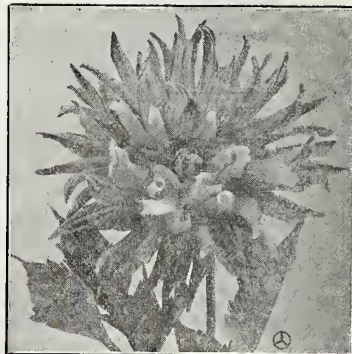
Gen. French



Gotterfink



Marguerite Bouchon



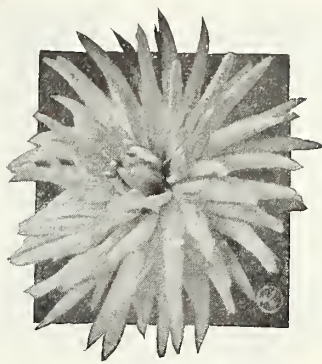
Else



Springfield



Standard Bearer



Winsome

CACTUS DAHLIAS (Continued)

Lord Minto. Full, symmetrical flowers, with long tubular petals cleft at the tips. Center pale yellow, passing to rosy salmon at the ends. 20 cts. each; \$2.00 per dozen.

Lovely. Delicate rose-violet, with creamy white shadings; free and desirable. 20 cts. each; \$2.00 per dozen.

Marguerite Bouchon. One of the largest Cactus Dahlias grown, and unquestionably the finest of all the pinks in this class. Flowers are perfectly shaped, with long, pointed and very numerous petals; a lovely shade of warm pink, lighter at center. 25 cts. each; \$2.50 per dozen.

Pink Pearl. A beautiful pink and white variety of perfect Cactus type; the long outer petals being a bright, fresh true pink, with a creamy white center. Stems are of fair length and blooms are quite abundant.

Pius X. Medium sized, light yellow. 25 cts.

Prince of Yellows. Rather late blooming, but quite showy during a favorable season.

Rheingau. (Giant.) Bold, erect, aggressive—its brilliant scarlet flowers are among the most conspicuous of the garden. They are rather flat in shape, about five inches wide, and suggest relationship with the Peony flowered class. 25 cts. each; \$2.50 per dozen.

Sequoia. Long, tubular twisted petals cleft at tips; deep saffron yellow suffused with red.

Springfield. A new variety duplicating the magnificent form, character and freedom of Countess of Lonsdale, but of different color. The old variety has for years stood as the standard for true Cactus type and the very best salmon pink Dahlia. This new form is a beautiful amaranth red, unique among its fellows, and a valuable addition for all uses. 25 cts., \$2.50 per doz.

Standard Bearer. Bright, pure scarlet. Flowers large, thick and full to center, of symmetrical and perfectly round form, petals semi-quilled. Extraordinarily productive and one of the best red cut flowers.

Strahlen Krone. An early and free bloomer, flowers very large and full; brilliant cardinal with purple button center and rose reflex.

Winsome. Blooms early and late, with abundant masses of large creamy white flowers.

Wodan. (Giant.) A massive sort of true incurved Cactus type, often 7 inches in diameter; delicate salmon-rose, shading to old gold at center. 25 cts. each; \$2.50 per dozen,

Wolfgang von Goethe. (Giant.) Large, gracefully arranged, perfect flowers; colored a rich apricot with carmine shadings. 20 cts. each; \$2.00 per dozen.

Yellow King. Free flowering, perfect canary. 25 cts. Unless noted, 15 cts.; \$1.50 per dozen; \$10.00 per 100 by express.

DECORATIVE DAHLIAS

This class used to be included with the Cactus type, but is so distinct as to constitute a separate class. The flower is usually large, full but open faced, with long, flat petals. They habitually bloom with great freedom and the individual flowers make a gorgeous display in the field besides furnishing magnificent cut flowers.

Alice Roosevelt. Clear waxy white, shaded lilac; one of the earliest sorts, free blooming, long stemmed and valuable for cutting. 30 cts. each.

Auguste Nonin. (Giant.) A splendid cutting sort, with long stiff stems and large flowers of fiery red.

Berch van Heemstede. Might properly be classed with the Peony flowered type; large loose-petaled canary yellow. 25 cts. each; \$2.50 per dozen.

Blue Oban. Medium sized flowers; white, widely bordered blue. This unique color arrangement is very attractive. 20 cts. each.

California. (Giant.) The much prized crimson color of American Beauty Rose; flowers wide, loose-petaled and strongly upheld. 20 cts. each; \$2.00 per dozen.



Berch van Heemstede

DECORATIVE DAHLIAS (Continued)

Catherine Duer. Cherry scarlet overlaid with crimson, darker at center; its iridescence is unique and very striking, winning much favor as a cut flower variety. Especially good under artificial light.

Claribel. The earliest bright purple, very free flowering and brilliant.

Clifford W. Bruton. Very large, loose petaled flowers of canary yellow on long stems; a favorite cutting sort.

Delice. One of the best pink Dahlias in any class, very valuable for cutting on account of its firm substance, lasting qualities and good stems. The flowers are full and perfectly formed; a soft rose pink. 20 cts. each; \$2.00 per dozen.

Diana. (New.) A good sized, long stemmed, perfect type; flowers numerous and bright; crimson. 25 cts.

Ed. McCullogh. Attractive foliage; flowers of good medium size, deep velvety crimson shaded towards center with maroon. 25 cts. each.

Great Britain. One of the new Holland giant decorative type which is introducing unprecedented size and quality into our Dahlia collections. The form of this variety is all that can be desired, with massive petals of firm texture. Color clear warm mauve. 35 cts.; \$3.50 per dozen.

Hortulanus Fiet. A "giant" decorative with an abundance of broad petals, the whole symmetrical flower averaging 8 inches across. Its exquisite color distribution beggars description; but is roughly a delicate shrimp-pink pointed with gold and faintly clouded with red and yellow tones. 35 cts. each; \$3.50 per dozen.

Jack Rose. Color, rich crimson-red, with maroon shadings at center.

J. M. Goodrich. A splendid new American seedling of "giant" proportions, gracefully formed, free blooming and of very attractive color; salmon-pink, tipped primrose. 35 cts. each.

L'Mandarin. Medium sized flowers of weirdly oriental suggestion; light cream shading into yellow, with pink tips and bold crimson striping. 20 cts.

Mad. A. Lumier. Distinct and showy variegated sort, one of the freest bloomers; semi-double flowers of white, suffused with crimson toward the end of petals, extreme tips a rich violet red. 25 cts. each; \$2.50 per dozen.

Mad. Van den Dael. Broad, incurved petals of waxy white, charmingly flushed with rose toward outer edge. Flowers very large and attractive, of distinct shape. 20 cts. each; \$2.00 per dozen.

Mont Blanc. Very large creamy white, with unusually broad, flat petals. The finest white cut-flower sort we have. 20 cts. each; \$2.00 per dozen.

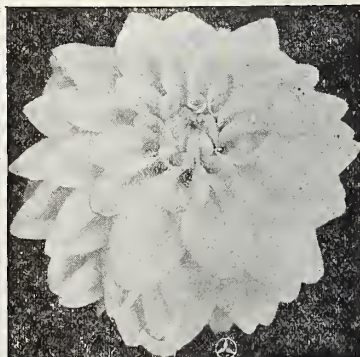
Mrs. Fleers. An attractive combination of red and rose, in numerous medium sized flowers, giving a general bright pink effect. This is one of the freest blooming varieties, with long serviceable stems. 20 cts. each; \$2.00 per dozen.



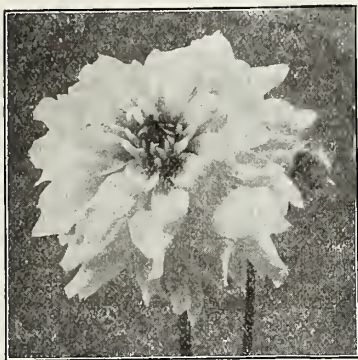
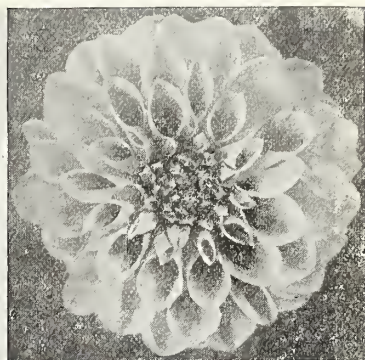
(See Page 70)



Mad. A. Lumier



Mont Blanc

**Princess Juliana****Thompson****Yellow Colosse****DECORATIVE DAHLIAS (Continued)**

Mrs. Roosevelt. One of the daintiest of the "giant" flowered type, with broad flattish flowers which keep well; an exquisite suffusion of white and shell pink. 25 cts.; \$2.50 per dozen.

Princess Juliana. Pure, waxy white flowers of better than medium size and attractive form. One of the most reliable whites for cutting. 20 cts. each; \$2.00 per dozen.

Souv. de Gustave Doazan. Mammoth flowers with long, even petals 1 to 1¾ inches wide; center rounded-up and much darker than balance; brilliant orange-red. A free bloomer and very showy. 20 cts.; \$2.00 per dozen.

Thompson. An improved Catherine Duer, of the same character and iridescent crimson color; but larger, borne face-up on long, stiff stems. 25 cts.; \$2.50 dozen.

Virginia Maule. A charming variety nearly as large as Mrs. Roosevelt, with glistening petals of white, delicately tinted pink. 20 cts.; \$2.00 dozen.

Wm. Agnew. Flowers large, on long, slightly drooping stems; a vivid unshaded red.

Yellow Colosse. (Giant.) Solid primrose-yellow; one of the most dependable and satisfying yellow varieties in the decorative class. Flowers of large size, perfect form and liberal production. 35 cts.; \$3.50 per dozen.

Unless noted, 15 cts.; \$1.50 per dozen; \$10.00 per 100 by express.

"SHOW" DAHLIAS—LARGE FLOWERED DOUBLE

This type is the most formal and perfect in shape, composed of short, stiff, numerous quills of varying character. They make excellent compact bouquets and usually outlast the other types.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.

A. D. Livonia. Warm rose-pink, perfect flowers, with quilled petals which nearly overlap at the ends.

Arabella. Primrose, tipped and shaded old-rose and lavender.

Black Hussar. Same as Red Hussar, except its color is glossy black-maroon. 20 cts. each; \$2.00 per dozen.

Chas. Lanier. A very perfectly formed, broad flower of deepest yellow; the largest yellow in this class.

Cuban Giant. (Giant.) Flowers 6 to 7 inches in diameter, dark, glowing crimson shaded maroon. A tall, strong grower with projecting flower stems. 20 cts.

Eclipse. Flowers large and full, crimson-scarlet.

Eldorado. Coppery yellow with russet base. Heads are large and loosely recurving.

Grand Duke Alexis. (Giant.) Very large and perfect form, with long, thick quills overlapping at the ends. White, slightly tinged and blotched lavender; the most chaste and beautiful of all. 20 cts.; \$2.00 dozen.

John Thorpe. Rich, lilaceous pink with creamy base near center. Rather flat flowers very full and evenly quilled, about 5 inches wide.

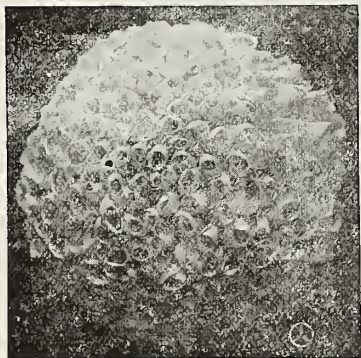
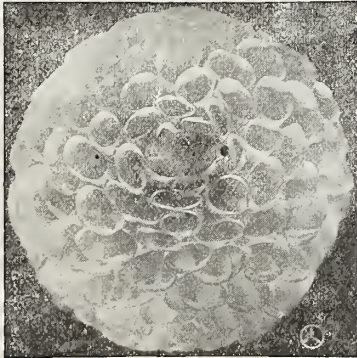
John Walker. Large, pure white.

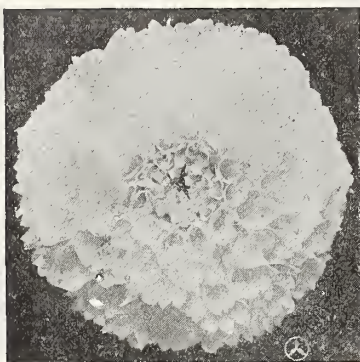
Mrs. Wellsley. White, heavily edged and tipped crimson; a very distinct and striking sort.

Penelope. White, flaked lavender about center.

Princess Victoria. Large, round fully quilled flowers of perfect form and soft, rich yellow color.

Queen of Yellows. Perfect form, solid yellow.

**A. D. Livonia****Chas. Lanier****Mrs. Wellsley**



White Dove



Yellow Duke

SHOW DAHLIAS (Continued)

Red Hussar. Tall, bushy, upright; with wrinkled highly ornamental foliage. Flowers full, recurved to ball shape, fiery cardinal.

Ruby Queen. A splendid cutting sort, with long stems and compact, ball-shaped flowers. Color a vivid ruby-violet, darker at center. Try this in a bouquet with white.

Snowball. Perfect ball shaped, full and compact, of large size, and upright. Color blush white.

Susan. Extraordinarily free-blooming; with large, shapely flowers long-stemmed and lasting. A very attractive mingling of rose-pink and white. 20 cts.; \$2.00 per dozen.

White Dove. Good sized, round and compact flowers of glistening white; each petal fringed deeply.

Yellow Duke. A free flowering, long stemmed form of Grand Duke; its full quilled blooms of primrose-yellow being exceedingly soft and pretty. 20 cts. each; \$2.00 per dozen.

Unless noted, 15 cts. each; \$1.50 per dozen; \$10.00 per 100 by express.



Wild Fire

SINGLE DAHLIAS

The Single Dahlias are exceedingly showy, when displayed against or nodding above a background of green. Used freely in large landscape effects, "Wild Fire" in particular making a brave, bright show in masses; a blaze of color all the season.

Scarlet Century. Mammoth single flowers of brilliant crimson-scarlet with attractive golden center. 20 cts. each; \$2.00 per dozen.

Wild Fire. Growth tall and compact, with ornamental foliage. Flowers are round and close petaled, of fair size; intense scarlet touched at center with gold. 15 cts.; \$1.50 per dozen.

POMPON DAHLIAS



Of medium to small size, but firm, compact, and long lasting; invariably with long smooth stems, and blooming with the greatest profusion. Especially good for small bouquets, or dwarf beds.

Bobby. Deep plum.

Catherine. Rich golden yellow; perfectly double.

Guiding Star. Pure white.

Little Prince. Bold and striking; from richest crimson-maroon to varying striped combinations of crimson, scarlet and white.

Little Beauty. Miniature Livonias; little round, fully quilled balls of pure pink. This variety makes up beautifully in wreaths, sprays or any design requiring a small, dainty flower.

Miss Lou Kramer. Yellow, heavily tipped bright crimson, overlaid pink.

Prince Charming. Cream, heavily tipped purple.

Pure Love. Pure lilac, extra fine form and free.

Snowclad. Perfect show type; pure white with a slight lavender pink center.

15 cts. each; \$1.50 per dozen.



PEONY FLOWERED DAHLIAS

Tall growing, loose-petaled, large flowered and free blooming. One of their chief advantages over the other types lies in their big, fluffy, aggressive aspect which makes them of great value for landscape use. All varieties are long stemmed, airily graceful and in every way pleasing as cutflowers; while many have those soft, tender shades particularly lovely under artificial light.

Andrew Carnegie. A fine, bright rose-pink, paling to flesh at tips of petals, the whole flower delicately suffused rosy amber. 50 cts. each.

Chatenay. A most prolific bloomer, with medium sized flowers on strong, erect stems. Color shell-pink and white, slightly gilded at center; named for its resemblance to the famous Chatenay Rose. 35 cts. each; \$3.50 per dozen.

Cleopatra. Semi-double; brilliant red, splashed with yellow towards base of petals. Exceptionally free blooming; and the most striking variety in our Dahlia fields last fall. 30 cts. each; \$3.00 per dozen.

Duchess of Brunswick. Broad flowers of brilliant red, shaded apricot on under side. 35 cts. each.

Duke Henry. Very dark red; four rows.

Geisha. A rich, gorgeous commingling of scarlet and gold; the flowers loosely arranged with wide, curled and twisted petals. This is the most sensational and one of the very best of the class. 35 cts. each; \$3.50 per dozen.

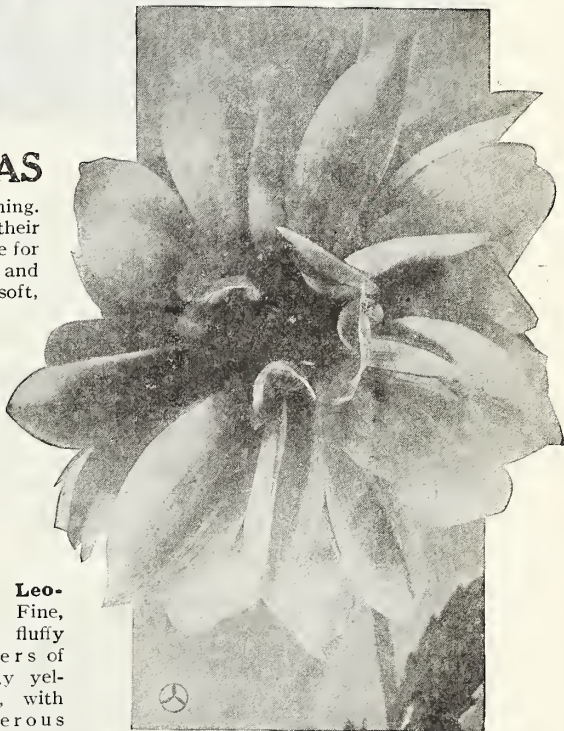
Germania. Velvety wine color; petals wide and undulating.

Glory of Baarn. Bushy plants, extremely productive of bloom. Color a beautiful suffusion of rose-pink and white.

H. Hornsveld. A delightfully soft, delicate shade of salmon. 30 cts. each; \$3.00 per dozen.

Hollandia. Dark rose, almost a blue. This particular shade is rare in Dahlias.

King Edward. Large purple flowers on long stems.



Mannheim

King Leopold. Fine, large fluffy flowers of creamy yellow, with numerous wide petals. 25 cts. each.

Leo XIII. One of the very largest flowers in any class; of compact, "decorative" form and colored a beautiful unfading canary yellow. Growth medium, stems upright and of good cutting length. 35 cts. each; \$3.50 per dozen.

Mannheim. One of the most beautiful Dahlias of any class; large, graceful, long-stemmed, particularly pleasing under artificial light. Soft salmon pink, with a golden overglow. 30 cts.; \$3.00 per doz.

Paul Kruger. Three to four rows of petals; creamy white and tan streaked broadly with crimson.

Queen Emma. An exquisite shade of Hollyhock-pink, inner petals banded with gold.

Queen Wilhelmina. Immense, fluffy flowers of pure white, with yellow center.

Souv. de Paris. Long, wide and gracefully undulated petals in single heads 8 inches across; glistening white.

Unless noted, 20 cts. each; \$2.00 per dozen.



Leo XIII



Daisy—Mrs. F. Sanders

PARIS DAISIES

or "Marguerites"

The Marguerites are a delight in the garden where their conspicuous flowers, and rich green, indented foliage blend harmoniously with other bedding plants. Potted, they carry nicely in bloom through the winter.

Etoile d'Or. Light yellow color, growth dwarf and bushy. The best variety for use as a pot plant. 15 cts.; \$1.50 per dozen.

Mrs. F. Sanders. A new, double pure white form, very attractive. Practically all flowers come with nicely filled centers, although it varies somewhat like all double Daisies. 20 cts.

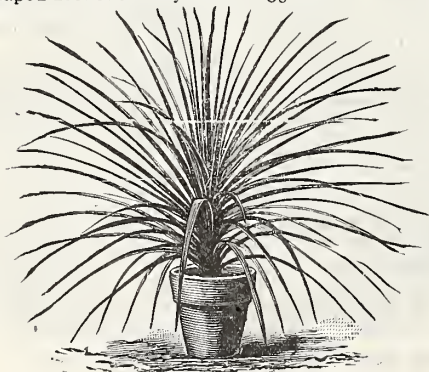
Nicholson's Long-Stem White. The best of the whites for cutting on account of unusual size, and length of stem. 15 cts. each.; \$1.50 per dozen.

Reve d'Or. Pretty light yellow flowers with long stems; a charming cut flower variety. 15 cts.; \$1.50 per dozen.

DRACENAS

Considered among the best of decorative foliage plants, and are largely used for conservatory and house adornment. They should be given a light fibrous soil with good drainage, liberal watering with frequent showers; and to ensure the greatest development of color, let them have all the sunshine available.

Godseffiana. Peculiarly marked foliage of a rich, dark green color thickly spotted with irregularly shaped dots of creamy white. 35 cts.

**Dracena Indivisa**

Indivisa. This is the best known sort; with graceful, slender, arching, numerous green leaves. For many years the leading variety of center-plant for vase and window box work. 2½ inch, 10 cts.; 3 inch, 20 cts.; 4 inch, 35 cts. By express, 5 inch, 75 cts.; 6 inch, \$1.00.

Massangeana. Broad green leaves, striped with varying shades of yellow. 6 inch pots, \$1.50 each.

Sanderiana. An upright, stocky variety with alternating lanceolate leaves of dark green prettily variegated with creamy white stripes. 35 cts.

Superba. Narrow bronze foliage, young leaves bright carmine. 5 inch pots, 50 cts.

**Dracena Terminalis**

Terminalis. Leaves rather long and pointed, deep bronze, coloring richly to crimson, marked with pink and green and occasionally streaked with white. Although like all self-coloring foliage, this variety has its dull aspects, sunshine, warmth and the evolutions of its normal seasons produce a brilliancy of coloring seldom attained by any other decorative house plant. 35 cts.; larger by express, 75 cts. and \$1.00.

EUCHARIS AMAZONICA

"Lily of the Amazon"

A splendid plant for the Conservatory, producing many choice cutflowers during a season. Flowers are star-shaped, about four inches across, and delightfully fragrant; pure, waxy white. 35 cts. each; \$3.50 per dozen.

EUONYMUS "SILVER EDGE"

A splendid addition to the list of variegated decorative plants; of erect, shrubby character and with a liberal amount of foliage. Leaves are rather thick and rubbery; bright green conspicuously edged with white.

It makes a handsome specimen just as a pot plant, with an ultimate height of about three feet; and is coming into general use for silver-variegated effects in boxes, vases and hampers.

The plants we offer are bushy stock about 12 inches high, for 50 cts. each.

FERNS

No foliage plant that grows presents so many varied charms, or is so practical for all general house, table, floral or window decoration as the Fern. Most varieties love the sun, and thrive to best advantage if located near the sunniest window, and occasionally turned. A dutiful attention to watering and general condition will be well repaid.

A selected list of the most practicable varieties, which may be safely trusted to meet all requirements.

NEPHROLEPIS

Bostoniensis. (Boston Fern.) Fully matured fronds attain a length of 4 to 5 feet. 2½-inch pots 15 cts.

By Express:

4-inch pots 30 cts., 5-inch pots 50 cts., 6-inch pots \$1.00, 8-inch pots \$1.50.

Elegantissima Compacta. (New.) Very regular, compact formation, closely resembling Whitmani, but standing up densely and firm like Scotti. A very superior type. 2½-inch pots, 20 cts. By express, 4-inch pots, 40 cts.; 5-inch pots, 75 cts.

"Teddy Jr." (Dwarf Roosevelt.) A new dwarf form of the popular Roosevelt Fern; a grand compact grower, making splendid specimens in medium size plants. 2½-inch pots, 15 cts. By express, 4-inch pots, 50 cts.; 5-inch pots, \$1.00; 6-inch pots, \$1.25.

Scholzeli. (The Plumed Scott Fern.) Short bushy, compact growth combined with a delicate fluffiness of foliage. Even very small plants are models of beauty for table decoration. 2½-inch pots, 15 cts. By express, 4-inch pots, 50 cts.; 5-inch pots, 75 cts.; 6-inch pots, \$1.00.

Verona. A handsome new variety of the Elegantissima type, somewhat resembling N. Whitmani, but with finer "Ostrich Plume" foliage, and with a stiffer mid-rib, which makes the fronds stand up better than most varieties of the lace-ferns. 2½-inch pots, 20 cts.; 3-inch pots, 35 cts.; 4-inch pots, 50 cts.; 5-inch pots, \$1.00 each.



Boston Fern

MISCELLANEOUS FERNS

Cibotium Schiedeii. (Gold Fern.) Broad-based tripinnate leaves of airy construction, making very attractive plants at any age. Their particular charm lies in the bright golden green of its color, which brings out daintily every graceful line of formation. Strong plants from 3-inch pots, 50 cts.

Adiantum Cuneatum. The well-known Maiden Hair Fern. This, with its various newer types, is almost indispensable in the making up of floral pieces and winter bouquets. 2½-inch pots, 10 cts.; 4-inch pots, 25 cts.

Adiantum Croweanum. An improved type with more satisfactory habits and larger leaflets. By express only, 4-inch pots, 50 cts.; 5-inch pots (specimen), 75 cts.



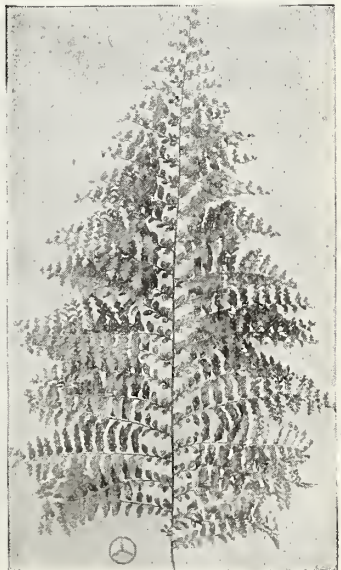
Elegantissima Compacta



Scholzeli



Teddy Jr.



Verona



New Adiantum—Glorie of Mordrecht



Bird's Nest Fern

FERN DISH COLLECTION

We will mail
6 plants in 6
varieties of
our choice for
50 cts.



S. & H. Co. Table Ferns

MISCELLANEOUS FERNS (Continued)

Adiantum Glorie of Mordrecht. The last word in size, compactness, grace and beauty among all the many charming variations of Maiden Hair. This new type bears leaflets of distinct shape, superlative size, and so numerous as to overlap in pleasing arrangement. Its culture is as easy and practical as the more common sorts. 4-inch pot plants, 50 cts.

Asplenium Nidus-Avis. (Bird's Nest Fern.) Broad, banana-like leaves three to nine inches wide and two to four feet long (when fully developed) growing in a crown. Their color is a rich, transparent green, intensified by closely parallel veins, and a prominent midrib of purple-maroon. 2½-inch pots, 20 cts.; 3-inch pots, 35 cts. By express, 4-inch pots, 50 cts.

Selaginella Emiliana. (Moss Fern.) A good substitute for Asparagus or Maiden Hair Fern in filling Fern dishes, or for table and house decorating in larger sized pots. Very dwarf and compact. 15 cts.; 2 for 25 cts.



Moss Fern

SMALL FERNS FOR DISHES

These charming little decorative plants, each of different and distinct form, and representing various shades of green and silver variegation, are especially adapted to use in table jardinières and are indispensable for all inside "ferny" effects.

Adiantum Cuneatum. Maiden Hair Fern.

Aspidium Tsussimense. Dwarf and compact plant; short tri-pinnate leaves of the darkest green.

Blechnum Braziliensis. A dwarf form of Tree Fern with large rounded leaves. 15 cts.

Cyrtomium Falcatum. (Holly Fern.) Broad, halbert-shaped leaves of waxy green; always shiny. 15 cts.

Pteris Adiantoides. Good sized leaves in perfect triangle shape; dark green with distinct fine veins.

Pteris Argyrea. One of the most beautiful dish ferns. Evenly pinnate, compound leaves, bright silver with pale green tips. 15 cts.

Pteris Cretica Albo-Lineata. A handsome dwarf growing fern, deep green, striped white.

Pteris Magnifica. Long, wide spread leaves occasionally crested, bright green.

Pteris Mayii. Dwarf variegated sort, ends prettily crested.

Pteris Serrulata Cristata Variegata. Crested ends; distinctly variegated.

Pteris Tremula. Beautiful fine cut fronds of bright green somewhat resembling Grevillea. Good for centers of ferneries.

Pteris Victoria. Rather dwarf and compact; fronds short but broad-based with numerous pinnae, a decided silver streak down the center of each.

Pteris Wilsoni. One of the finest of all the dish ferns. Unless noted, 10 cts. each.

FICUS (Rubber Plant)**Ficus Elastica**

Elastica. (India Rubber Tree.) Nothing better for table or house decoration. Its dark green, shiny foliage is always handsome, and its constitution is such that it is able to stand the excessive heat and dryness of the ordinary dwelling house without injury. 50 cts. each. Large specimens by express, \$1.50 each

Repens. Directly opposed in character to the two large leaved upright growing sorts, this variety is really a creeping or trailing vine. In the South, where it is hardy, it somewhat resembles and takes the place of our Boston Ivy; in the Northern states it is extremely useful and ornamental for covering stone or wooden conservatory walls. 2½ inch pots, 20 cts. each; \$2.00 per dozen. 4 inch pots, 50 cts. each, \$5.00 per dozen.

Pandurata. (Majestic Rubber Plant.) The odd



construction and mammoth leaves of this new decorative plant make a very striking appearance. The leaves are guitar-shaped with the larger end out, stiffly uprising from the central stalk. They are very thick and rubbery, ten inches wide by fifteen inches long; dark green, with creamy white veins, which on the underside are purple and boldly projecting. The sizes we offer are fine specimens, by express, 18 to 20 inches high, \$1.50 each; 24 to 30 inches high, \$2.00.

FUCHSIAS

These plants were a few years ago among the most highly prized for winter blooming in the ordinary dwellings, and despite the innovations which have been crowding in of late, to supply our window boxes and plant stands, they are still largely used; and are popular for summer beds in partially shaded situations.

Avalanche. Golden green foliage and large double flowers with dark purple corolla.

Black Prince. Well expanded single flowers of carmine-lake; color of calyx and corolla nearly uniform.

Duchess of Albany. Single; deep purple corolla and scarlet sepals.

Glorie des Marches. A splendid double variety with thick, leathery tube and sepals of brilliant scarlet, and pure white corolla.

Little Beauty. Dwarf growing. A most free-blooming variety, seldom without flowers. Sepals carmine, corolla deep lilac. Single. 20 cts.

Mad. Van der Straus. Double; sepals long and reflexed, pure red; large white corolla

**Mrs. E. G. Hill**

Mrs. E. G. Hill. Sepals bright crimson with large pure white corolla. Perfectly double and a very free bloomer.

Speciosa. A thrifty grower with ornamental foliage, the green leaves showing red veins at the base. Flowers single with pale carmine sepals and deep scarlet corolla.

Tener. A fine double, with dark red sepals, and large corolla of brilliant solferino

Tri-me-ah. A new single variety with extra long tube; purple.

Trophee. Round, red buds opening into beautiful double deep purple flowers.

White Beauty. A charming double variety, very free blooming and satisfactory; white, with scarlet sepals.

Unless noted, 15 cts. each: \$1.20 per dozen.



GERANIUMS are the best known and most extensively used of all bedding plants. The list of varieties we offer is not large but represents the best and most serviceable in the different classes. Single varieties are preceded by a (*) star.

GENERAL COLLECTION

Abbie Schaefer. An abundant bloomer, good in any situation; soft crimson-scarlet. 20 cts.

Champ de Niede. Superb white; not a trace of coloring at center.

***Clifton.** Handsome, dark, velvety deep scarlet shaded maroon. A clean, healthy grower with robust constitution which stands all kinds of weather, and blooms freely in good sized clusters. 20 cts.

Fiancee. Largest and best double white.

Flamingo. Showiest and most commendable double dark red on our grounds. Its rich color is unadulterated, and blooming capacity unlimited, the plant showing a clean, healthy, branchy growth.

Francis Perkins. Among the older standard bedding varieties, no double pink equals it.

***Jacquerie.** Deep carmine red. 20 cts.

La Favorite. Very large trusses; snow-white. In great demand for bedding purposes.

Le Soleil. Without exception, the most intense scarlet bedding Geranium on the market.

Mad. Barney. A splendid bedding variety; extremely large, double flowers of brilliant rose. For solid beds of deep, showy pink, this variety is not surpassed.

Mad. Jaulin. The lovely "Apple Blossom Geranium," in color a varying combination of peach pink and bluish white. Dwarf and bushy. 20 cts.

Mrs. Lawrence. A dwarf, compact grower equally valuable as a bedder or for winter pot-blooming; bright salmon-pink, slightly tinged white. 15 cts.

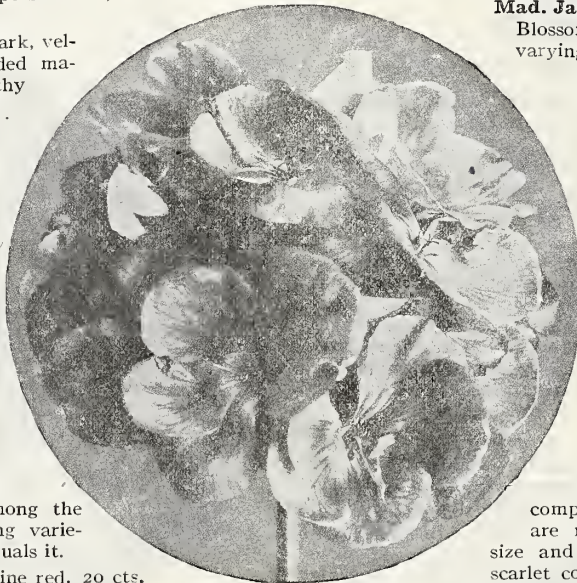
S. A. Nutt.

"Old as the hills," but the one variety always dependable for a constant blaze of crimson from May until snow fall.

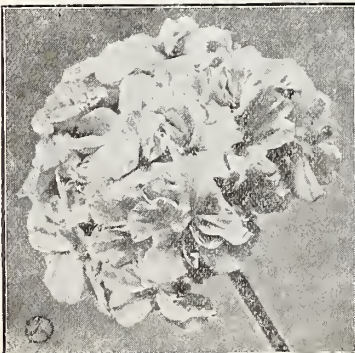
Scarlet Bedder. A new variety; vigorous, compact and healthy. Flowers are nicely rounded, of good size and a particularly pleasing scarlet color. 15 cts.

Theta. New; flowers very large, in rather flat trusses, bright red. 20 cts.

Unless noted, 10 cts. each; our choice, 16 for \$1.00. 100 by express for \$5.00.



Beauty Poitevine



Mad. Barney



La Favorite



S. A. Nutt



Happy
Thought

BRUANT GERANIUMS

Geraniums of this class are distinguished by their leathery foliage, vigorous habit of growth, heavy flower stalks and immense heads of bloom.

Alphonse Ricard. Semi-double, dwarf and branching, bright orange red.

Beauty Poitevine. Rosy salmon, nicely shaded and tinted from deep orange to pure salmon.

Fleuv Blanc. A strong growing and blooming plant, with large heads of full double flowers; pure white.

Helen Michell. Flowers very large, semi-double and numerous; bright orange scarlet. 20 cts.



Ivy Leaved Geranium

Heteranthe. Exceptionally large trusses of semi-double flowers; clear orange scarlet.

Jean Oberle. An exquisite shade of hydrangea-pink, fading to white at the outer edges; florets and truss extremely large. Does not burn in the sun. 20 cts.

J. J. Harrison. Very large, double, crimson-scarlet; one of the best of its class.

Jean Viaud. Flowers semi-double, two to two and one-half inches in diameter, made up into trusses 12 to 15 inches in circumference. Of a beautiful clear, rosy pink, with distinct white blotch at center.

Mad. Landry. Semi-double; rich salmon shaded orange, edge of petals a brighter shade.

Marquis de Castelaïne. A giant among Geraniums. Color deep rosy scarlet, shading into pure scarlet at the edge of upper petals.

Mrs. E. G. Hill. Large single flowers; bright salmon, with a light shading at center.

Rosalda. (Single Bruant.) A strong, robust semi-dwarf variety with good bedding qualities. Flowers rich crimson pink, the upper petals heavily blotched white, with carmine veins. 20 cts. Unless noted, 10 cts. each; 15, our choice, \$1.00.

SCENTED LEAVED GERANIUMS

We offer three distinct varieties—**Balm, Lemon and Rose.** 15 cts. each; 8 for \$1.00.

IVY LEAVED GERANIUMS

Nothing more desirable for baskets, vases or for any trailing or climbing plant utility.

Achievement. Immense semi-double flowers of a distinct and pleasing shade of cerise pink. The foliage is rich in color and of heavy substance; growth dwarf, compact and sturdy.

Ballade. Flowers are large and abundant, semi-double, delicate lilac, blushed on upper petals and feathered crimson-maroon. 20 cts.

Caesar Franck. Enormous trusses of semi-double flowers, shaped and clustered much like "Crimson Rambler" Rose; vividly crimson, with a slight dash of rose at the base of petals. 20 cts.

Incomparable. Very large trusses and florets; a charming shade of carmine-rose.

Mrs. Mawley. Large, semi-double flowers; rosy cerise, shaded magenta, with a dark blotch on upper petals. A strong, robust grower.

Souv. de Chas. Turner. Florets $2\frac{1}{2}$ inches, in trusses six inches across; a deep, bright purple approaching scarlet, the upper petals feathered maroon.

Unless noted, 15 cts. each; \$1.50 per dozen.

FANCY LEAVED GERANIUMS

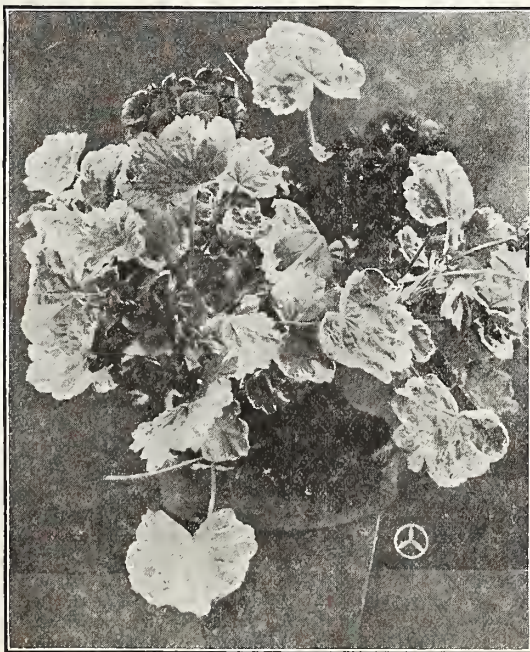
Happy Thought. A tri-color Geranium with very dark green foliage, having a light creamy—almost white—center, with a dark band about the light zone. Flowers bright scarlet.

Mad. Salleroi. A very compact variety of Silver Geranium; very fine for massing or bordering. A thrifty, healthy grower, rarely reaching a height of more than six inches; leaves very small, of a peculiar clear green, edged with pure white. 10 cts. each; \$1.00 per dozen; \$6.00 per 100.

Mrs. Pollock. Bronze, belted with crimson and edged golden yellow. 20 cts.

Prince Bismarck. Foliage yellowish green with narrow zone of deep chocolate, flowers salmon tipped white; a splendid variety.

Variegated S. A. Nutt. A new introduction with liberal, healthy, remarkably beautiful variegated foliage; the green and creamy white being about evenly apportioned, of the same general form, freedom, character and color as the famous S. A. Nutt. Unless noted, 15 cts. each; \$1.50 for 12.



Silver Nutt



GLADIOLI



Augusta



America



Halley

THIS CLASS of summer-flowering bulbs is doubly valuable for the brave field show of bloom, and for its generous supply of cut-flowers. Gladiolus flowers last longer when cut than most any other flowers, and develop in water to a greater perfection than if left on the plant. Any rich, light garden soil will grow Gladioli if properly worked in preparation, and exposed to the benefit of full sunlight. Bulbs should be planted from the middle of April on into May throughout the Northern States, a second planting after two or three weeks ensuring a more even succession of bloom. Set bulbs 2 to 4 inches deep and 2 inches apart in the drills, single rows 12 inches, and double rows 18 inches apart. Beds do well planted 4 to 6 inches apart each way.

GENERAL COLLECTION OF CHOICE NAMED GLADIOLI

The Childsi type run considerably larger than the ordinary kinds, are more vigorous, and the bloom is generally more abundant. These varieties are marked (*).

***America.** Beautiful, soft flesh-pink, faintly tinged with lavender. Spikes develop very evenly and to unusual length, sometimes with two or three branches. A magnificent cut-flower. 5 cts. each; 50 cts. per dozen; \$3.50 per 100.

Augusta. Lovely pure white with blue anthers. One of the most attractive white varieties. 5 cts. each; 50 cts. per dozen; \$3.00 per 100.

Baron Hulot. Rich, deep indigo blue. Besides being the only blue Gladiolus known, it is a really very fine sort. 8 cts. each; 75 cts. per dozen.

Brenchlyensis. A standard sort of long tried utility for solid bedding; bright scarlet. 5 cts. each; 35 cts. per dozen.

Chicago White. A superb new variety with tall straight stems on which well expanded flowers are snugly set, usually from five to seven at a time. This variety favors the Childsi type, and is one of the earliest bloomers. Flowers pure white, with faint lavender streaks in lower petals. 8 cts. each; 75 cts. per dozen.

Empress of India. A glorious rich dark mahogany red uniquely veined. 15 cts. each; \$1.50 per dozen.

Europa. The most prolific pure white Gladiolus, superior to older sorts in the great number of florets; Europa usually averaging from 20 to 25 perfect flowers, as many as 10 or 12 appearing at one time. The compact, dense formation, freedom and strong upright stems making them of exceptional value for cutting. 15 cts. each; \$1.50 per dozen.

Glory of Holland. This is one of the most reliable white sorts, furnishing splendid flowers in abundance. Stems are long, strong and always erect. White, slightly flushed with pink. 10 cts. each; \$1.00 per dozen.

Halley. Delicate salmon-pink, slightly roseate, the lower petals showing a creamy blotch bisected by a red stripe. **One of the earliest** to bloom. 8 cts. each; 75 cts. per dozen.

Klondyke. Rather dwarf growth, but very desirable as one of the earliest yellows. Pale primrose with crimson maroon blotch on lower petals. 8 cts. each; 75 cts. per dozen; \$6.00 per 100.

Kunderd's Ruffled Glory. A new departure in Gladiolus form, a recently developed strain having distinctly and beautifully fluted or ruffled petals. This "Glory" variety is of good size in flower and spike, with long stalks. Color, delicate cream pink, with a crimson stripe on each lower petal. 10 cts. each; \$1.00 per dozen; \$8.00 per 100.

Lily Lehmann. A delicate combination of pink and white, unusually large and strong growing for this type. Purest ivory-white flushed pink at tips of petals, with conspicuous lavender anthers. 10 cts. each; \$1.00 per dozen.

Mrs. Frank Pendleton, Jr. A magnificent variety which has won various awards on account of its practicability for cutting, as well as for its beauty. Every bud opens up in water fully and perfectly. Flowers are very large and well expanded, of a lovely flushed salmon-pink; with blood-red blotches in the throat. 15 cts. each; \$1.50 per dozen.

Mrs. Francis King. A fine strong growing variety with large spikes of showy flowers. Color a bright shade of pure scarlet. 5 cts. each; 50 cts. per dozen; \$3.00 per 100.

**Kunder's Ruffled Glory****Panama****GLADIOLI (Continued)**

***Nezinscott.** Bright blood scarlet, with deep velvety crimson-black blotches and white mottling in the throat. 8 cts. each; 75 cts. per dozen.

***Niagara.** Of America character, but somewhat larger; rich cream color deepening to canary yellow on lower petals. A faint carmine blush at tips of petals and streak at throat, with purple stamens and carmine stigmas, make a combination of exquisite beauty and attractiveness. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

***Norma Dee Childs.** Extra large flower and spike. Color delicate white, softly penciled rose and heavily throated sulphur yellow. 20 cts. each; \$2.25 per dozen.

***Panama.** A new derivation from America, which is more deeply pink and a trifle larger than its parent. Without doubt the one finest pink Gladiolus. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

Peace. A robust grower, reaching 5 feet in height, with a correspondingly long flower spike; pure white with faint lilac markings on lower petals. A late bloomer. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

Pink Beauty. The very earliest Gladiolus to bloom, coming in ahead of Halley. Flowers medium size borne in long spikes, dull pink. 8 cts. each; 75 cts. per dozen; \$6.00 per 100.

Pink Perfection. Daintily formed, very large flowers of apple blossom pink. 10 cts. each; \$1.00 per dozen; \$7.00 per 100.

***Princeps.** (The Amaryllis Flowered Gladiolus.) Rich crimson with white blotches across the lower petals. The flowers open out wide and perfect and are of monstrous size. 8 cts. each; 75 cts. per dozen; \$5.00 per 100.

***Principine.** A seedling of above, surpassing the parent in freedom of bloom—Principine showing several flowers at one time. Color is the same beautiful red with a white blotch in the throat. 8 cts. each; 75 cts. per dozen; \$6.00 per 100.

Scarsdale. Tall growing and free blooming. Large flowers, pink-lavender, shaded to dark rose. 8 cts. each; 75 cts. per dozen.

Schwaben. Extremely showy both as a cut flower and bedder. The color is pure canary yellow shaded sulphur, the golden yellow throat slightly blotched with dull carmine, but so deep as not to interfere with the all yellow general effect. Flower spikes are tall and strong, numerous and well set with perfect flowers. Its characteristic branching habit keeps this variety in bloom unusually long. 10 cts. each; \$1.00 per dozen.

Velvet King. A fine, bold dark red of velvety finish. 8 cts. each; 75 cts. per dozen.

Victory. Medium sized flowers in full spikes; delicate sulphur yellow, shaded deeper in lower petals. 5 cts. each; 50 cts. per dozen; \$3.00 per 100.

War. Considered by many the best commercial blood-red to date. Its flowers are of immense size in long spikes, and borne freely. Late. 25 cts. each; \$2.50 per dozen.

GROFF'S "SILVER TROPHY" MIXTURE

This strain affords an unusually fine range of colors and has attracted attention on two continents. One of the finest mixtures possible to make. 6 cts. each; 60 cts. per dozen. By express, \$4.00 per 100.

GROFF'S HYBRID SEEDLINGS

Genuine products of the original stock which made Mr. Groff's name preeminent among Gladiolus growers as a successful hybridizer. This collection embraces a wealth of color diversity and markings, and is a remarkably good value at mixture prices. 6 cts. each; 60 cts. per dozen. By express, \$4.00 per 100.

**OUR OLD GLORY MIXTURE**

This is a splendid mixture we make up from named varieties and color sections, so that we know precisely what it contains and are sure of its quality. It is not an ordinary mixture designed to work off some one grower's rubbish, but a genuine admixture of good standard sorts that is bound to please. 30 cts. per dozen; \$2.00 per 100. By express, 25 cts. per dozen; \$1.85 per 100; \$18.00 per 1000.

CHILDSI MIXTURE

Strong growing, thrifty stock; all good bloomers, fine for bedding. Offered in

Light Shades. 40 cts. per dozen; \$3.00 per 100.

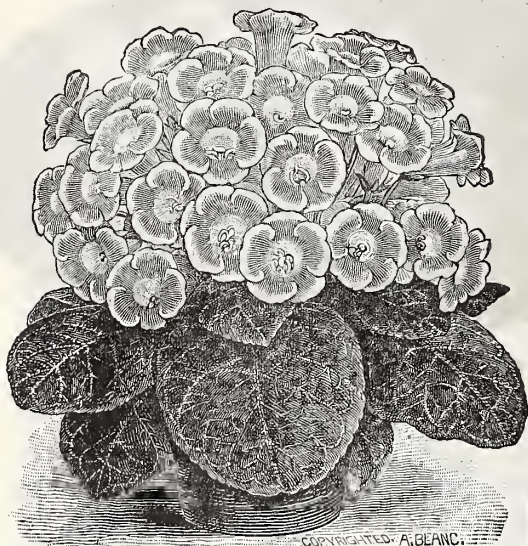
Dark Shades. 35 cts. per dozen; \$2.50 per 100.

GLADIOLI—ALL COLORS MIXED

First Size. 25 cts. per dozen; 100 by mail, postpaid, for \$2.00. By express, \$1.50 per 100; \$12.00 per 1000.

Second Size. Good flowering bulbs, 15 cts. per dozen. 100 by mail, postpaid, \$1.25. By express, \$1.00 per 100; \$8.50 per 1000.

GLOXINIAS



The Gloxinia is one of our most handsome summer flowering plants, and may be handled with success anywhere if given good rich, light soil and a partially shady situation, until well started into growth. Care should be taken, in watering, not to wet the leaves, nor to allow the soil to cake. When through blooming, store in a dry, warm place for re-potting next season.

Assorted colors: White, Violet, Crimson, Violet bordered White and Crimson bordered White.
15 cts. each; \$1.50 per dozen.

GREVILLEA ROBUSTA

(Silk Oak)

As graceful as a palm; as delicate in texture or form of leaf as a fern. The young growth is a light bronze color, the tips being covered with a soft down closely resembling raw silk, hence the name "Silk Oak." Grows very fast, making beautiful erect specimens. 10 cts.



Heliotrope

HELIOTROPE

Buisson Fleuri. Semi-dwarf growth, covered by unusually large trusses of large, flat-faced flowers. Color, rosy violet with star-shaped eye.

Centefleur. A very striking variety entirely distinct from all others; dwarf growing with fine, neat foliage. Flowers are deliciously fragrant, florets wide and flat, color deep true heliotrope, with conspicuous white eye. Sprays are of the largest size, completely covering the plant. 20 cts.; \$1.75 per dozen.

Jersey Beauty. A variety with which every one is familiar; one of the best for all purposes. Bright mauve purple.

Mad. Bruant. The variety which we are now growing is not so tall as the older Bruant, nor the pronouncedly dwarf type, but a happy medium of compactness and stability; rich dark purple.

Snow Wreath. Blooms in large trusses of fragrant white flowers. An excellent sort.

Unless noted, 15 cts. each; \$1.25 per dozen.

HIBISCUS SINENSIS



Hibiscus Peachblow

Strong growing tropical plants with handsome glossy foliage and large, brilliant, showy flowers. In a warm sunny window they make fine decorative plants and bloom profusely. If planted in the open ground during the summer they make a gorgeous display with their enormous, bright colored flowers.

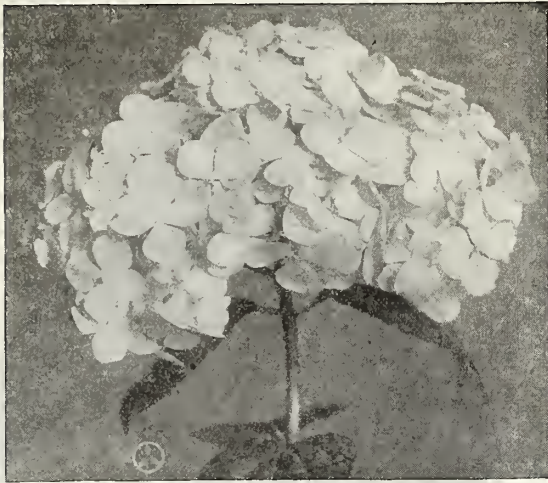
Aurantiaca. Large, double orange colored flowers; very novel and attractive. 15 cts.

Colleri. Rich buff with distinct crimson throat markings. 15 cts.

Mineatus Semi-Plenus. Half double, prettily ruffled flowers; light vermilion-scarlet. 15 cts.

Peachblow. Flowers double; of a rich shade of clear pink, with small, deep crimson center; most beautiful shading; four to five inches in diameter. Blooms freely even on small plants. 15 cts.; \$1.50 per dozen.

NEW FRENCH HYDRANGEAS



Those who are familiar with the charm of tender Hydrangeas when used in tubs for porch or terrace decoration, will appreciate their adaptability to inside use for the early spring. The following list of varieties are all new sorts improved by the French growers and an acceptable addition to our list of first class house plants. These plants will be practically dormant when shipped, but as soon as the new leaves begin to break, they will require as much sunlight as possible, plenty of water and must not be allowed to dry out. They will bloom luxuriantly for about six weeks in early spring.

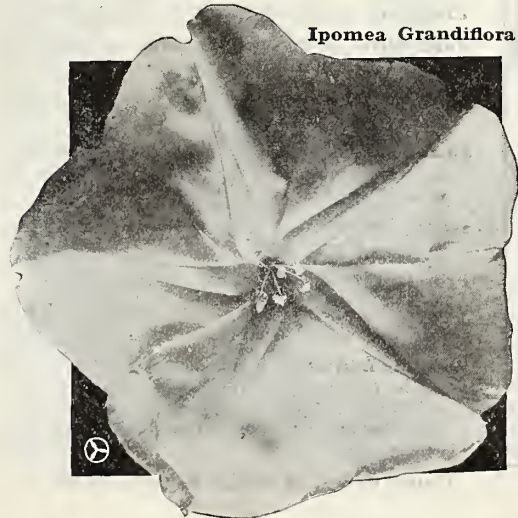
Bouquet Rose. Large trusses of well-formed flowers; rosy amber, turning to bright pink.

Mad. Emile Mouillere. One of the very best; very large flowers, frequently over two inches in diameter, of the purest white, with rose carmine eye.

Mad. Maurice Hamar. Large, delicate flesh-rose color; a pleasing shade.

Mlle. Rene Gaillard. Large full panicles of milk white; petals irregularly fringed.

Ipomea Grandiflora



Souv. de Mad. Chautard. One of the prettiest; robust habit, medium sized corymbs of bright rose colored flowers.

Vicomtesse de Vibraye. A favorite early forcing sort; bright rose changing to blue.

By mail, 2½ inch pot plants, 15 cts. each.

By express, 4 inch pot plants, 35 cts. each.

By express, 5 inch pot plants, 50 cts. each.

One each of 8 sorts, small size, by mail, \$1.00.

One each of 8 sorts (5 inch), by express, \$3.00.

HYDRANGEA HORTENSIS

This class of Hydrangeas is not hardy in the Northern States, and should be brought into the house before freezing fall weather. A cool, light cellar location is preferable with occasional watering, but keep them dormant even if a cooler temperature is found necessary. Early in spring bring up to the piazza or other exposed location and apply water liberally. When in full bloom, keep slightly shaded to lengthen the blooming period. A soil composition of turfy loam and one-third rotted cow manure is best for potting.



Otaska. The old favorite used so extensively in pots at Easter time, and for lawn decoration in summer. 15 cts.; 4-inch pot plants, 25 cts. By express, 5-inch pot plants, 40 cts.

Ramis Pictis. (Red Branched.) A distinct variety both in foliage and flowers. The flowers are deep rose color, produced in immense trusses, while the branches are dark red, becoming brighter as they near the flower truss. 15 cts. 6-inch pots, 50 cts.

Thomas Hogg. Pure white flowers, produced in immense trusses. One of the most desirable plants of this class. 15 cts.

IPOMEA (Moon Flowers)

One of the most popular summer vines. The foliage is graceful and serviceable, and the vine a rapid climber, attaining a length of 40 feet in a season. The flowers are borne abundantly throughout a long season opening at sundown, emitting a rich jessamine odor at night, and closing about noon next day.

Ipomea Grandiflora. (White Moonflower.) Satiny white flowers, five to six inches in diameter. 15 cts.; \$1.25 per dozen.

Ipomea Learii. (Blue Moonflower.) Intense violet-blue, with reddish purple rays. 20 cts.; \$2.00 per dozen.

IVY



English Ivy

English. One of the very few good climbing plants for the house. Foliage is rich waxy green with prominent lighter veins and is very attractive when trained against harmonious paper or wood work. If planted out doors, the vines must be taken down and carefully covered for winter, in this northern latitude. 2½-inch pots, 10 cts.; \$1.00 per doz. 4-inch pots, tops 3 ft. long. 25 cts. By express \$2.50 per doz.; \$18.00 per 100

German. Fine, quick growing trailing plant that is unsurpassed for use in hanging baskets and urns where delicate green foliage is needed. 10 cts.; 75 cts. dozen.

JASMINE

Cape Jessamine. (Gardenia Florida.) A beautiful evergreen shrub 2 to 4 feet high, with small, solitary, starshaped flowers of delightful fragrance; very popular in Southern gardens for continuous summer bloom. Not hardy north of the Ohio river, but of value as a house or conservatory plant. 25 cts.

Grand Duke. A full double-flowered type of the Arabian Jasmine, exquisitely scented and of beautiful form for use as men's boutonniers. This variety is practically everblooming, being particularly free in frostless countries where it can stand outdoors. 25 cts.



Jasminum—Grand Duke

Grandiflorum. (Spanish Jasmine.) Grows nearly erect, with angular, drooping branches. Used more than any other variety on account of its abundant fragrant, starry bloom, throughout the winter, as well as during its summer stay in the garden. Will stand 10 to 12 degrees of frost. 15 cts.; \$1.00 per dozen.

Maid of Orleans. Single, creamy white flowers of pleasing sweetness. 25 cts.

LANTANAS



Showy bedding and basket plants that are being used more extensively than ever before. They are in bloom continuously from spring until frost cuts them down in the fall.

Aurora. Large flowered, dark and light shades of pink, with yellow center.

Corbeille d'Argent. A free blooming pure white variety, dwarf and compact.

Countess de Biencourt. Rose and yellow.

Craigi. Yellow and blood-orange; tall.

Francine. A beautiful rosy lilac with cream center.

Juan d'Or. Light sulphur, graduating to deep rose pink.

Harkett's Perfection. Golden variegated foliage; flowers yellow and pink.

Iolande. An especially good dwarf variety; a showy commingling of crimson, orange and yellow. 15 cts.

Lyre. Dwarf and compact; white with creamy center. Very pretty. 15 cts.

Protel. Creamy yellow and lilac rose.

Viator. A new variety with large flowers of sulphur-yellow, tinged pink. 15 cts. each.

Weeping Lantana. A fine plant for winter flowering in pots or small hanging baskets. Flowers delicate rosy lilac, borne freely all over the plant from the base of each leaf stalk. 10 cts. each; 3 for 25 cts.

Unless noted, 10 cts. each; 12 for \$1.00.

LEMON PONDEROSA

(or American Wonder)



A fragrant breath of the South translated into Northern homes. The dark, glossy foliage winters well and is always verdant, the attractive flowers of pure white with yellow stamens are refreshing in their waxen beauty and subtle perfume, while their crowning glory is the fruit. Five or six times as large as the ordinary Lemon of commerce; of perfect shape and even ripening—Ponderosa represents the highest quality as a fruit, while the combination of flower, fragrance, fruit and tree-like growth, makes it one of the grandest and most satisfactory window and porch decorative plants in existence. 15 cts. each; \$1.25 per dozen. 5 inch pots, 15 to 18 inches high, by express, \$1.00.

MADEIRA VINE

A beautiful rapid growing vine with dense foliage. Grows well anywhere, but succeeds best in sunny, well sheltered location. Strong tubers, 5 cts. each; 50 cts. per dozen.

**Montbretias****MANETTIA VINE**

A free and continuous bloomer, completely filled at all times with small tubular flowers of brilliant scarlet, shading into yellow at tips. Especially desirable for baskets, vases or small trellises. 15 cts.

MONTBRETIAS

This class of summer flowering plants is allied to the Gladioli, resembling them in form and habit and requiring much the same treatment. Bulbs should be set from three to six inches apart, preferably in groups of not less than a dozen, where they may be left permanently if well protected during winter. The star-shaped flowers are not large, but are sparkling with life and color and very abundant from July to October.

California. Bright, golden yellow.

Crocasmiaeflora. Deep golden orange.

Etoile de Feu. Vermilion, clear yellow center.

Fire King. Brilliant red; very showy in masses.

Lustre. Orange yellow with crimson center.

Rosea. A beautiful bright rose.

6 cts. each; 60 cts. per dozen.

MYRIOPHYLLUM PROSERPINACOIDES

(Parrot's Feather)

A novel aquatic hanging plant. Its long trailing stems are clothed with whorls of the most exquisite finely cut foliage. Plant in a watertight basket, so water can be kept standing on the surface. 15 cts. each; \$1.50 per dozen.

OLEANDERS

Old fashioned house plants which we offer in two separate colors.

Rose and White, 20 cts.; \$1.50 per dozen.

**OTAHEITE ORANGE**

A grand plant for winter culture; scarcely ever without some display of fragrant blossoms or fruit. Fruit edible; about half the size of ordinary oranges. 15 cts. each. Fine plants from 4 inch pots, 12 to 15 inches high, by express, 50 cts.

OXALIS (See Page 97)



PALMS



**Kentia
Balmoreana**

We have for many years made Palms one of our special products; growing not an extensive list, but just a few of the kinds most practical for general use.

The Kentias are recommended as being the hardiest and best for house culture, dust and gas not

affecting them as much as some other Palms. Where height of plant is given, it means from top of pot.

Kentia Balmoreana. This is, in our estimation, the very best Palm for house culture, as well as the most graceful and handsome. There are few plants that give more satisfaction all the year round.

Kentia Forsteriana. Much like Balmoreana, except that it grows taller, with larger, heavier foliage.

Areca Lutescens. Glossy green leaves gracefully arched on slender stems, the entire construction one of grace and beauty.

Cocos Wedelliana. A strikingly handsome little plant, six to seven inches high, used for small jardinieres and in Fern dishes to a great extent. 25 cts.

Latania Borbonica. (Fan Palm.) A beautiful Palm, with large, deeply divided, fan-shaped leaves. It is of easy cultivation, and should be in every collection.

Phoenix Roebelenii. A very graceful, dainty Palm as light and feathery as a Cocos, but as hardy as a Kentia. Will be found the correct thing for small jardiner or fernery.

3-inch pot plant, 6 to 8 inches high... \$.50 each.
4-inch pot plant, 8 to 10 inches high... 1.00 each.
5-inch pot plant, 12 to 15 inches high... 1.50 each.

PANDANUS VEITCHI

Graceful curved foliage, light green striped with broad bands of pure white. An attractive decorative plant that stands ordinary house culture well and is always fresh and bright in appearance. Large plants by express: From 4-inch pots, 75 cts.; from 5-inch pots, \$1.00.

KENTIA BALMOREANA

Mail Sizes:

2½ inch pot.....15 cts.
3 inch pots, 10 in. high....25 cts.

Larger Sizes by Express

4 in. pots, 12 to 15 in. high...\$.60
5 in. pots, 15 to 20 in. high.... 1.25
6 in. pots, 20 to 24 in. high.... 2.00

ARECA LUTESCENS

Mail Size:

2½ inch pot.....15 cts.

Larger Sizes by Express

4 inch pots, 15 in. high.....\$.50
5 inch pots, 18 to 24 in. high.... 1.00

KENTIA FORSTERIANA

Mail Sizes:

2½ inch pot.....15 cts.
3 inch pots, 10 in. high....25 cts.

Larger Sizes by Express

4 in. pots, 15 to 18 in. high...\$.60
5 in. pots, 18 to 24 in. high.... 1.25
6 in. pots, 24 to 28 in. high.... 2.00

Special. Single specimens, unusually strong, well branched and hardened; better form than most "made-up" specimens.

36 in. high, in tub.....\$ 4.50
48 in. high, in tub..... 6.00
54 in. high, in tub..... 10.00
60 in. high, in tub..... 17.50
72 in. high, in tub..... 20.00

LATANIA BORBONICA

Mail Sizes:

2½ inch pot.....15 cts.
3 inch pot.....25 cts.
4 in. pot, 12 in. high, 5 leaves.50 cts.



SUMMER FLOWERING OXALIS



These are very pleasing subjects for edging walks or flower beds, or even as solid beds by themselves. Planted about three inches apart, they form an unbroken row of clover-like foliage, covered from early summer and throughout the season with bright, pretty flowers. They are not hardy and should be taken into the house for wintering.

Deppei. 3 to 4 notched leaflets crossed by a purplish band; flowers pure white.

Lasiandra. 5 to 10 long, narrow leaflets; with clusters of rosy crimson flowers.

6 cts. each; 50 cts. per dozen; \$3.50 per 100.

PANSY PLANTS

Nice thrifty started plants, propagated from our Superb Giant Pansy seed. Colors and markings are widely varied, and represent the largest flowered strain in cultivation. 35 cts. per dozen. \$2.25 per 100 by express.

PASSIFLORAS

(Passion Vine)

Constance Elliot. A rapid growing climbing plant, well adapted for house culture in winter or for training over porches, etc., during summer. The flowers are pure white, excepting a very slight coloring at the base of the corolla. 20 cts.

PELARGONIUMS

(Lady Washington Geraniums)

Dorothy. Beautiful fringed variety. Flowers large; rosy salmon with dark maroon blotch on upper petals, richly shaded plum color around the throat. Its fringed and ruffled edge gives the flower a very light and delicate appearance. 25 cts.

Easter Greeting. (New.) Flowers large and free; bright amaranth red, each petal marked with a large black blotch. This variety is distinct from the rest, and remarkable on account of its long blooming season, not only producing its prime crop very early in spring, but ordinarily continuing throughout summer and fall.

Egyptian. Very dark red with black blotch; free blooming, fine habit.

Escot. Very large flowers of white, with crimson blotches on upper petals and small spots on lower. Florists who handle this variety find it one of the most popular sorts for "Mother's Day" sales. 25 cts. each.

Lucy Becker. A bright pink sport of Easter Greeting, with large maroon blotches edged fiery crimson on all the petals; very free bloom. 25 cts. each.

Madame Thibaut. The flowers are three inches in diameter, perfectly double, with beautifully ruffled edges; brightest pure pink. Very free in bloom.

Madame Vibert. A splendid flower with black maroon blotches bordered fiery red, the entire flower edged with rose. Growth and blooming qualities excellent.

Mrs. Loyal. (The genuine "Pansy Geranium.") Rounded, satiny, exquisitely marked and colored—this variety is truly Pansy flowered. Its colors range from a large crimsoned chocolate center through pink to white at the edges. Growth characterized by compactness and sturdiness. 15 cts. each; \$1.25 per dozen.

Mrs. Robert Sandiford. The flowers are three inches across, perfectly double and very free in bloom; the purest snow white.

Sandiford's Best. A beautiful shade of pink, surrounded by a deep band of purest white, with a large white throat.

Wirttembergia. A sport from Easter Greeting. Medium sized florets; bright carmine with large velvety shapely defined blotches. Equally valuable as bedder or pot plants. 25 cts. each.

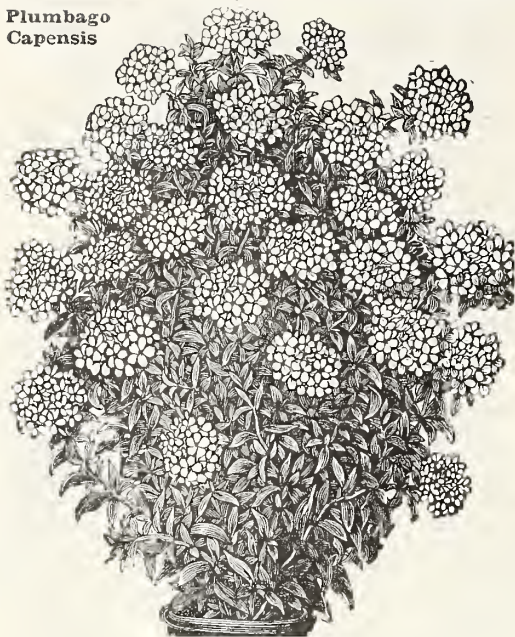
Wonder. A splendid semi-double white flower of great beauty; very pure in color, occasionally showing a small rich maroon spot in upper petals. Flowers are beautifully fringed and are produced in great profusion all through the blooming season.

Unless noted, 20 cts. each; three for 50 cts.



Pelargonium

**Plumbago
Capensis**



PETUNIAS

Double. A splendid assortment in white, pink, purple and blotched. 15 cts.; \$1.25 per dozen.

Single. Mixed colors. 10 cts.; 75 cts. per dozen.



Sansevieria

PLUMBAGO

Capensis. Excellent for bedding out in summer or growing in pots for single specimen plants, producing large trusses of delicate azure blue flowers. 20 cts.; \$2.00 per dozen.

Capensis Alba. Beautiful creamy white flowers. 20 cts.; \$2.00 per dozen.

SALVIA

Splendens. One of the finest of all bedding plants, being completely covered in Autumn with long spikes of dazzling scarlet flowers, remaining in bloom until cut down by frost. 10 cts.; 75 cts. per dozen. By express, \$5.00 per 100.

Zurich. The dwarfest and earliest of all the Salvias; constantly in bloom even in the smallest pots. 10 cts. each; 75 cts. per dozen. By express, \$5.00 per 100.

SANSEVIERIA ZEYLANICA

An ideal decorative plant; will stand more hardship and more abuse than any other house plant of which we know. Leaves thick and of leathery texture, not affected by gas, dust or heat. Grows to a length of three to four feet, and is beautifully striped cross-wise of leaves with broad white variegations on a dark green ground. 20 cts.; \$2.00 per dozen.

STROBILANTHUS DYERIANUS



An excellent bedding plant as well as a beautiful foliage plant for pot culture. It forms a compact bush 18 inches high, with leaves six to nine inches long; of a beautiful metallic purple, shading into light rose, with a light green margin, a combination unapproached by any other plant. The flowers are violet blue, borne in immense racemes. 20 cts.

TIGRIDIAS

(Tiger or Shell Flower)

Summer flowering bulbs of same habit and requiring same treatment as the Gladioli, with which and kindred stock, such as Lilies, Iiris, etc., they associate in harmony and are adjuncts to the summer garden show. Flowers are triangular faced, from four to six inches across, richly colored and borne in great profusion throughout the season on plants about 2 feet high.

Aurea. Deep golden yellow.

Conchiflora. Yellow, spotted orange.

Grandiflora Alba. White, spotted purple.

Lilacea. Brilliant crimson violet.

Pavonia. Red, spotted deep purple.

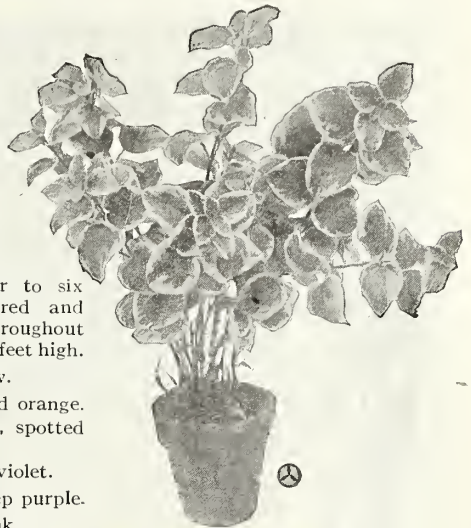
Rosea. A beautiful shell pink.

10 cts. each; \$1.00 per dozen.

Vina Major Variegata



Tuberose Excelsior Pearl



SWAINSONIA

Galegifolia Alba. A very popular everblooming house plant, blooming in sprays of 10 to 20 flowers shaped much like Sweet Peas. Its pure white flowers are used extensively in cut-flower work. 15 cts.

Galegifolia Rosea. Flowers deep rose or rosy crimson. 20 cts.

THYRSACANTHUS RUTILANS

(Fountain Plant)

A greenhouse plant of easy growth, and when in bloom a graceful specimen for table decoration. Its tubular shaped carmine flowers are borne on long, drooping thread-like branches, 12 to 16 inches in length. 20 cts.

TRADESCANTIA (Wandering Jew)

Beautiful trailing plants with thick, waxy, lance-shaped, striped foliage; very useful in baskets and porch boxes. 15 cts.; \$1.00 per dozen.

TUBEROSES

Fall flowering bulbs whose exquisite perfume affords one of the most positive delights in our late gardens.

Excelsior Pearl. Double white; dwarf. 5 cts. each; 10 for 40 cts. By express, \$2.00 per 100.

Variegated Leaved or Orange Flowered. The leaves of this variety are distinctly striped with white and green. Each bulb frequently throws up two or more spikes, three to four feet high, with 20 to 40 pure white single flowers, much like orange flowers, with a pleasant perfume. 8 cts. each; 75 cts. per dozen.

VERBENA PLANTS

Beautiful, highly colored umbels borne very freely throughout the summer bedding season; purple, scarlet, pink and white. 10 cts.; 75 cts. per dozen. By express, \$6.00 per 100.

VINCA

Major Variegata. More of this used for baskets and vases than there is of any other two basket plants. Beautiful variegated green and white foliage, strong, trailing habit of growth. 10 cts.; 10 for 50 cts. 3-inch pots, fine plants, 15 cts. By express, \$1.25 per dozen; \$10.00 per 100. 4-inch pot plants, 25 cts. By express, \$2.00 per dozen; \$15.00 per 100.

Periwinkle. Everblooming bedding plants, flowers phlox shaped. In separate colors, rose or white. 10 cts.; \$1.00 per dozen.

VIOLETS

Of all delightful perfumes, that of the Sweet Violet is the most delicate and pleasing. If grown in the house for winter flowers, they should be kept at a low temperature; they will not bloom freely where it is too warm. If left in the open ground during the winter, protect with a covering of leaves.

Lady Campbell. Deep purple, double flowers.

Princess of Wales. Broad Pansy-like flowers of a beautiful violet purple shade, with lighter center. A vigorous growing plant with clean healthy foliage and stiff long stems. One of the most beautiful and free flowering Violets.

Swanly White. Flowers large, double, pure white. About the only good white variety on the market.

10 cts. each; three for 25 cts.; \$1.00 per dozen.

WATER HYACINTHS

Pondeteria. Very interesting and beautiful, floats on the surface of the water and produces fine spikes of light rosy lilac orchid-like flowers. 15 cts. each; \$1.50 per dozen.

WATER LILY

Nymphaea Odorata.

The well known white fragrant Pond Lily. 25 cts. each; \$2.50 per dozen.



Water Hyacinth

HANDY SPRAY PUMPS

To successfully cope with enemy destroyers of plant life, one must have proper weapons. Following are a few of the simpler and most effective pumps for spraying the various kinds of bug death, or prevention.

Cog Gear
Bucket



MYERS BUCKET PUMPS

Constructed entirely of brass, with malleable iron foot rest. Will throw a solid stream 50 feet; valuable for spraying trees, washing windows or buggies, extinguishing fires, sprinkling lawns or flowers, etc. One superior feature is the extra jet for keeping the spray material mixed and agitated.

COG GEAR. (No. R-324) 1½ inch brass cylinder and patent cog-gear handle makes easy work and extra capacity. Price: The pump, with agitator, complete with detachable hose and graduating fine, sprinkling and solid stream nozzle. \$6.25

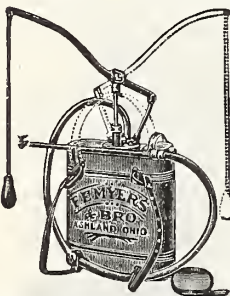
LITTLE GIANT. (No. 327½)

Special feature is the arrangement of air-chamber and cylinder side by side which makes the down stroke do all the work; thus relieving any upward pull on the bucket. Spray is continuous regardless of plunger action. Price: The pump, with agitator complete with hose and combination fine, coarse-spray and solid-stream nozzle. \$4.25

Little
Giant



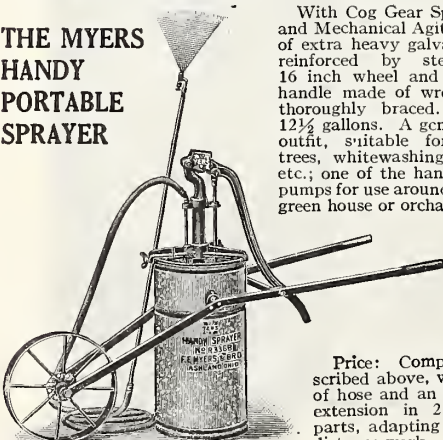
MYERS GALVANIZED (No. 330) KNAPSACK SPRAY PUMP



Adopted and recommended by the U. S. Government as the best distributor of disinfectants for mosquitoes and other poisonous insects.

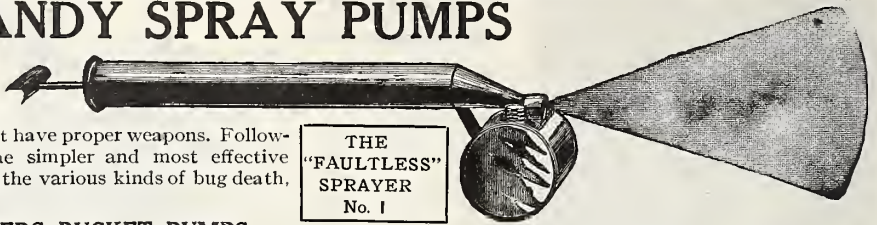
The galvanized tank holds 5 gallons, and is fitted with lid and strainer which can be removed. The pump is the regular Myers Brass Bucket Spray Pump, with large air-chamber, brass ball valves, solid plunger and agitator. It is so arranged that no water can drip on the operator. The pump is also fitted with handle so the operator can use it the same as tank with bucket pump. The handle lever can readily be shifted from one shoulder to the other at will. Price: Pump and galvanized tank, fitted with 5½ feet of ½ inch hose, stop cock, pipe extension, and nozzle which can be graduated from a fine mist spray to a solid stream. \$10.00

THE MYERS HANDY PORTABLE SPRAYER



Price: Complete as described above, with 15 feet of hose and an 8 foot pipe extension in 2 four foot parts, adapting it for long distance work. \$25.00

THE
"FAULTLESS"
SPRAYER
No. 1



THE "FAULTLESS" SPRAYER No. 1

Above is absolutely the best small, simple mist sprayer for general use against insects, on the market. Made of tin, substantially jointed and reinforced; greatest durability and spraying force in its class. Adapted for throwing either liquids or dry powder. Price, 75 cts. each, or \$1.00 postpaid.

MYERS 10 FT. BAMBOO EXTENSION

FIG 1536 BAMBOO PIPE EXTENSION

Made of selected Bamboo, 10 feet long, through which runs a special brass tube 5-16 inch in diameter, with threaded shut-off lever and male end, and safety drip shield. \$3.75

INSECTICIDES and FUNGICIDES

(Directions for using inclosed with or on wrapper of each carton)

ARSENATE OF LEAD POWDER. A chemically accurate combination of Arsenic which is the poisoning agent, and Lead which serves to hold the poison upon the foliage and also counteracts possible damage to the leaf itself. An efficient destroyer of all leaf-eating insects which attack either fruit or shade trees, shrubs, flowers or vegetables. Mixes readily with water, and sticks; kills the bugs—and saves the leaf.

1 lb. cartons, 55 cts. each; postpaid, 75 cts. each.

5 lb. cartons, \$2.60 each; postpaid, \$3.30 each.

BORDO POWDER. A highly efficient "Vitrio" form of Bordeaux Mixture; non-poisonous, but of great effectiveness when applied against fungus of all kinds.

1 lb. cartons, 35 cts. each; postpaid, 55 cts. each.

5 lb. cartons, \$1.50 each; postpaid, \$2.20 each.

VITRIO. A special compound of Bordeaux and Arsenate of Lead, efficient against insects as well as fungus.

1 lb. carton, 35 cts. each; postpaid, 55 cts. each.

5 lb. carton, \$1.25 each; postpaid, \$2.00 each.

FISH OIL SOAP. ("Whale Oil Soap.") An emulsion for getting rid of Aphid on fruit and other trees; for washing off various kinds of scale which affect house plants.

¼ lb. package, 20 cts.; ½ lb. package, 30 cts.

1 lb. package, 50 cts. each.

TOBACCO PRODUCTS

"NICO-FUME" LIQUID. A highly concentrated liquid Nicotine solution for fighting sucking insects, such as Thrip, Aphis and Spider. Used according to directions, in a fine spray and with as much force as possible, it makes a very effective and inexpensive insecticide. Being highly poisonous, it must be stored in a safe place away from children. Can be shipped in express or freight orders only, **not available.**

¼ lb. can. \$0.50. The proportion for spraying is one

1 lb. " 1.50 to two teaspoonfuls added to a gallon

4 lb. " 5.50 of water.

SULPHO-TOBACCO SOAP. Useful for ridding house plants of bothersome insects. Especially efficient in removing scale from Palms and Ferns. Small cakes, enough to take care of the ordinary plant collection, by mail, postpaid, for 15 cts.

CONVENIENT PLANT FERTILIZERS

NITRACO. A complete and highly concentrated plant food put up by one of the largest producers of commercial fertilizers. From the many brands on the market, we have selected Nitraco as the safest and most effective all round food for amateur use, both for pot plants and garden. Put up in neat containers with full directions for its use.

1 lb. cartons, 30 cts.; postpaid for 50 cts.

5 lb. cartons, 85 cts.; postpaid, \$1.55 each.

NITRATE OF SODA. The greatest growth producer when intelligently used. Should not be applied until growth is started, as it is so readily soluble as to give up all its elements to plant growth within a very short time. On many garden plants, it hastens the developed crop by 2 to 3 weeks.

1 lb. tin, 30 cts.; postpaid, 50 cts.

5 lb. tin, 85 cts.; postpaid, \$1.55.

STEAMED GROUND BONE. Always useful in garden and lawn work. We have arranged for an especially good grade put up in 5 lb. and 10 lb. lots. This is best applied mixed with three to four times its bulk of ordinary soil, to permit even distribution. Must be sent by express.

5 lb. tin, 75 cts.; 10 lb. bag, \$1.25.



WHEN considering the succeeding lists of Roses, we would like to refer to you our long years of successful experience in growing them out in the open. There is probably no better soil or climate in the world for properly developing the Hardy Rose Bushes, than what it is our good fortune to own. Established in heavy clay soil near the bank of Lake Erie; assiduously cultivated, staked, tied up and generally fostered like a favorite child, our Rose garden of about sixty acres annually sends out hundreds of thousands of choice products—on which we are willing to stake our reputation and business. We have thousands of regular Rose customers who come back year after year, despite cheaper competition and more alluring catalogues.

We have carefully classified and arranged the varieties of Roses offered in this catalogue, making two general divisions of **Hardy Field Grown** sorts, and **Pot Grown** varieties. Special mention is made wherever certain sorts are offered in both divisions.

BUSH ROSES CUT BACK READY TO PLANT.

This season we are yielding to the often expressed wishes of many patrons, who desire their Rose bushes cut back properly, all ready to plant; therefore, omitting the Climber and Baby Ramblers, which need little pruning, **all dormant Bush Roses will come to you, whether by mail or express, trimmed ready to plant.**

Order Early. To obtain the best results with spring planted Roses, they should be put into the ground as early in March as the temperature and condition of the soil will permit. Where rate is not prohibitive, we would advise ordering shipments by express; the plants will come to you more safely packed and in much livelier condition than if sent by mail or slow freight.

Treatment on Arrival. If upon arrival the roots seem to be very dry, soak them thoroughly in water; if the stems as well are too dry, bury the entire plant in the ground for two or three days. At no time after unpacking should the roots be exposed to the sun or dry winds; a very little neglect at this time working serious if not fatal injury to the bush.

Planting. In preparing a Rose Bed, select a sunny location guarded from cold north winds, if possible. Dig out the beds to a depth of two or three feet and about three feet in width; then refill the trench with a mixture of soil (any good fertile soil will do) and well rotted cow manure, making provision for good drainage if location is not naturally drained. Time should be allowed for this filling to settle, the final top surface being an inch or two below the edges of the bed. Do not raise the surface of Rose beds above the surrounding surface. They suffer less from drought when left level with the turf. Plant your Roses in the center, being very particular to press and tamp the soil firmly around the roots; and soaking the bed thoroughly at the finish. The Everbloomingers may be set 18 inches apart, the Hybrid Perpetuals about 2 feet. After the plants have been set out, keep the soil loose to the depth of an inch or two, by frequent stirrings. An occasional soaking with weak manure water is a great help to Roses of all sorts, and is especially active during the blooming season. Towards the end of July, a **mulch** of long-strawed manure will aid in preserving what moisture is in the soil during the customary droughts of the "Dog Days."

Protect for the Winter by covering bed at least 6 inches with leaves or manure; a binding surface of dirt, cornstalks or boughs on top. A convenient method is to confine this dressing by an enclosure of 12 inch chicken wire.

Pruning. Roses are usually shipped with most of their wood, but it is a mistake on the part of many planters to put them in the ground untrimmed. The weak shoots are usually removed by us before sending stock out, so that what the customer gets is all ready to plant except cutting back. Hybrid Perpetual Roses should be cut back, every shoot, to about 6 to 8 inches above the crown or that part above the roots where the stem begins to branch. Teas and Hybrid Teas need not be cut back quite so hard; the Polyanthas not at all unless stems are too numerous. **Every Spring**, usually the fore part of March, just before the leaf buds begin to swell, these classes should be treated similarly and the winter covering gradually removed. The Rugosas are pruned merely to keep their growth within bounds and to remove dead wood; the Hardy Climbers are merely trimmed, and inasmuch as their bloom comes only on wood made the season before, the safest and most beneficial time for pruning is immediately after their blooming season and before they make new summer growth. **Suckers** from the Manetti stock should be cut off at once, and may be recognized by a difference in color and arrangement of seven leaves, instead of five, as in almost all varieties of Roses. Do not be afraid of the knife; the flowers will be larger and richer in color, and the bed more sightly.

Capacity of Rose Beds. Although in warm localities, where plant growth is luxurious, a greater interval is necessary, 18 inches apart is generally accepted as the proper spacing. On this basis, beds 4½ feet wide will take three rows, and if six feet long will require a dozen plants. Or a dozen plants would occupy a 3-foot bed with two rows nine feet long. Delightful arrangements in odd shapes, and by combination of various classes, may be worked out according to the individual planter's fancy and ingenuity.

PRICE LIST OF HARDY FIELD GROWN ROSES

Abbreviations: "T." means Tea; "H.T." means Hybrid Tea; "H.P." means Hybrid Perpetual; "H.C." means Hardy Climber; "Poly." means Polyantha; "Per." means Pernetiana; "R." means Rugosa; "R.H." means Rugosa Hybrid; "M" means Moss; "W.H." means Wichuriana Hybrids; "S.B." means Sweet Briar.

Where a variety is also offered in the Pot Grown Division, its name is preceded by a star ().

2-Yr. Field Grown Roses			MAIL			EXPRESS			2-Yr. Field Grown Roses			MAIL			EXPRESS		
VARIETIES	Class		Each	10		Each	10	100	VARIETIES	Class		Each	10		Each	10	100
Agnes Emily Carman	R.H.	\$0.40	\$3.50		\$0.35	\$3.00	\$25.00		Jersey Beauty	W.H.	\$0.35	\$3.00	\$0.30	\$2.50	\$20.00		
Alfred Colomb	H.P.	.40	3.50		.35	3.00	25.00		*Jessie	Poly.	.40	3.50	.35	3.00	25.00		
American Beauty	H.T.	.45	4.00		.40	3.50	30.00		John Hopper	H.P.	.40	3.50	.35	3.00			
American Pillar	H.C.	.35	3.00		.30	2.50	20.00		*Jonkheer J. L. Mock	H.T.	.50	4.50	.45	4.00	35.00		
Amy Robsart	S.B.	.45	4.00		.40	3.50			Jubilee	H.P.	.40	3.50	.35	3.00	25.00		
Anna de Diesbach	H.P.	.40	3.50		.35	3.00	25.00		Juliet	Perm.	.70	6.50	.65	6.00			
Anne de Geierstein	S.B.	.45	4.00		.40	3.50			*Kaiserin A. Victoria	H.T.	.45	4.00	.40	3.50			
Antoine Rivoire	H.T.	.40	3.50		.35	3.00	25.00		*Killamey	H.T.	.45	4.00	.40	3.50			
*Baby Doll	Poly.	.75	7.00		.70	6.50			La Detroit	H.T.	.50	4.50	.45	4.00			
*Baby Rambler	Poly.	.40	3.50		.35	3.00	25.00		Lady Alice Stanley	H.T.	.50	4.50	.45	4.00			
Baby Rambler (Tree)	Poly.				1.50	12.50	75.00		*Lady Hillingdon	T.	.45	4.00	.40	3.50			
*Baby Dorothy (Pink)	Poly.	.45	4.00		.40	3.50	30.00		Lord Penzance	S.B.	.50	4.50	.45	4.00			
*Baby Tausendschön	Poly.	.45	4.00		.40	3.50	30.00		Los Angeles	H.T.	1.50		1.50				
Baltimore Belle	H.C.	.35	3.00		.30	2.50	20.00		Lucy Ashton	S.B.	.45	4.00	.40	3.50			
Baron de Bonnstetten	H.P.	.40	3.50		.35	3.00	25.00		Luxembourg	M.	.40	3.50	.35	3.00	25.00		
Baroness Rothschild	H.P.	.40	3.50		.35	3.00	25.00		Lyon Rose	Per.	.50	4.50	.45	4.00	35.00		
Belle Poitevine	R.H.	.40	3.50		.35	3.00	25.00		Mad. Abel Chatenay	H.T.	.45	4.00	.40	3.50			
Betty	H.T.	.45	4.00		.40	3.50	30.00		* Caroline Testout	H.T.	.45	4.00	.40	3.50	30.00		
Blanc de Coubert	R.H.	.40	3.50		.35	3.00			" Cons. Soupert	Tea	.50	4.50	.45	4.00			
Blanche Moreau	M.	.40	3.50		.35	3.00			" Cutbush	Poly.	.40	3.50	.35	3.00			
*Blumenschmidt	T.	.45	4.00		.40	3.50			" Edouard Herriot	Per.	.50	4.50	.45	4.00	35.00		
British Queen	H.T.	.50	4.50		.45	4.00			" Gabriel Luizet	H.P.	.40	3.50	.35	3.00	25.00		
Capt. Hayward	H.P.	.40	3.50		.35	3.00	25.00		" Georges Bruant	R.H.	.45	4.00	.40	3.50			
Chas. Fred'k Worth	R.H.	.40	3.50		.35	3.00	25.00		" Leon Pain	H.T.	.60	5.50	.55	5.00			
Clara Watson	H.T.	.50	4.50		.45	4.00	35.00		" Philippi Rivoire	H.T.	.50	4.50	.45	4.00			
Climbing Am. Beauty	H.C.	.50	4.50		.45	4.00	35.00		" Planter	China	.40	3.50	.35	3.00			
Clio	H.P.	.40	3.50		.35	3.00	25.00		" Segond Weber	H.T.	.50	4.50	.45	4.00			
*Clotilde Soupert	Poly.	.40	3.50		.35	3.00	25.00		Magna Charta	H.P.	.40	3.50	.35	3.00	25.00		
Conrad F. Meyer	R.H.	.40	3.50		.35	3.00	25.00		*Mamam Cochet	H.T.	.40	3.50	.35	3.00	25.00		
Coq. des Alps	H.P.	.40	3.50		.35	3.00			Manda's Triumph	W.H.	.35	3.00	.30	2.50	20.00		
Coq. des Blancches	H.P.	.40	3.50		.35	3.00	25.00		Margaret Dickson	H.P.	.40	3.50	.35	3.00	25.00		
Couness of Murinaise	M.	.40	3.50		.35	3.00	25.00		Marshall P. Wilder	H.P.	.40	3.50	.35	3.00	25.00		
Crested	M.	.40	3.50		.35	3.00	25.00		Mary Cts. of Ilchester	H.T.	.60	5.50	.55	5.00			
*Crimson Queen	H.T.	.50	4.50		.45	4.00			Meg. Merrilies	S.B.	.45	4.00	.40	3.50			
Crimson Rambler	H.C.	.35	3.00		.30	2.50	20.00		*Mlle. Cecile Brunner	Poly.	.40	3.50	.35	3.00	25.00		
Crown Princess Cecilia	H.T.	.45	4.00		.40	3.50			Mrs. Aaron Ward	T.	.45	4.00	.40	3.50	30.00		
Debutante	W.H.	.35	3.00		.30	2.50	20.00		" A. R. Waddell	H.T.	.50	4.50	.45	4.00			
Deuil de P. Fontaine	M.	.40	3.50		.35	3.00			" Chas. Russell	H.T.	.60	5.50	.55	5.00			
Dr. Van Fleet	H.C.	.50	4.50		.45	4.00			" Geo. Shawyer	H.T.	.50	4.50	.45	4.00			
Dorothy Perkins	H.C.	.35	3.00		.30	2.50	20.00		" C. W. Thompson	H.C.	.75	6.50	.65	6.00			
Duchess of Wellington	H.T.	.60	5.00		.50	4.50	40.00		" John H. Laing	H.P.	.40	3.50	.35	3.00			
Duke of Edinburgh	H.P.	.40	3.50		.35	3.00			" R.G.S. Crawford	H.P.	.45	4.00	.40	3.50			
Earl of Dufferin	H.P.	.45	4.00		.40	3.50			" Wakefield C. Miller	H.T.	.75	7.00	.70	6.50			
*Echo	Poly.	1.00	8.50		.85	8.00			*My Maryland	H.T.	.45	4.00	.40	3.50			
Edward Mawley	H.T.	.60	5.50		.55	5.00			New Century	R.H.	.40	3.50	.35	3.00	25.00		
*Ellen Poulsen	Poly.	.40	3.50		.35	3.00	25.00		Nova Zembla	R.H.	.50	4.50	.45	4.00			
*Erna Teschendorf	Poly.	.45	4.00		.40	3.50	30.00		*Ophelia	H.T.	.60	5.50	.55	5.00			
Etoile de France	H.T.	.50	4.50		.45	4.00	35.00		*Orleans	Poly.	.40	3.50	.35	3.00	25.00		
Eugene Furst	H.P.	.40	3.50		.35	3.00	25.00		Paul Neyron	H.P.	.40	3.50	.35	3.00	25.00		
Evergreen Gem	W.H.	.35	3.00		.30	2.50	20.00		Perpetual White	M.	.40	3.50	.35	3.00			
Excelsa	H.C.	.35	3.00		.30	2.50	20.00		Persian Yellow	Aust.	.40	3.50	.35	3.00	25.00		
Farquhar	H.C.	.50	4.50		.45	4.00	35.00		Pink Roamer	W.H.	.40	3.50	.35	3.00	25.00		
Fisher Holmes	H.P.	.40	3.50		.35	3.00	25.00		Prairie Queen	H.C.	.35	3.00	.30	2.50	20.00		
Flower of Fairfield	H.C.	.45	4.00		.40	3.50			Prince Camille de Rohan	H.P.	.40	3.50	.35	3.00	25.00		
Francois Scott Key	H.T.	.75	7.00		.70	6.50			Prince of Bulgaria	H.T.	.45	4.00	.40	3.50	30.00		
Francis Levett	H.P.	.40	3.50		.35	3.00			Princess Adelaide	M.	.40	3.50	.35	3.00			
Frau Karl Druschki	H.P.	.45	4.00		.40	3.50	30.00		*Radiance	H.T.	.45	4.00	.40	3.50			
Gen. Jacqueminot	H.P.	.40	3.50		.35	3.00	25.00		*Red Radiance	H.T.	.60	5.50	.55	5.00			
Gen. MacAthur	H.T.	.45	4.00		.40	3.50	30.00		*Robin Hood	H.T.	.60	5.50	.55	5.00			
Gen. Sup. A. Janssen	H.T.	.50	4.50		.45	4.00	35.00		*Roserie	H.C.	.75	6.50	.65	6.00			
Gen. Washington	H.P.	.40	3.50		.35	3.00			Rugosa Rubra	R.	.35	3.00	.30	2.50	20.00		
Geo. C. Waud	H.T.	.50	4.50		.45	4.00			Rugosa Alha	R.	.35	3.00	.30	2.50	20.00		
George Dickson	H.P.	.50	4.50		.45	4.00			Salet	M.	.40	3.50	.35	3.00	25.00		
*Geo. Elger	Poly.	.50	4.50		.45	4.00			Setigera		.30	2.50	.25	2.00	17.00		
Glorie de Margottin	H.P.	.40	3.50		.35	3.00	25.00		Soleil d'Or	Per.	.50	4.50	.45	4.00	35.00		
Glorie Lyonnaise	H.P.	.40	3.50		.35	3.00	25.00		So. Orange Perfection	W.H.	.40	3.50	.35	3.00	25.00		
Gold Finch	H.C.	.40	3.50		.35	3.00			Souv. de Pres. Carnot	H.T.	.45	4.00	.40	3.50			
Greta Kluis	Poly.	.75	7.00		.70	6.50			Sunburst	H.T.	.60	5.50	.55	5.00			
Grete Schreiber	Poly.	.75	7.00		.70	6.50			Sweetheart	W.H.	.40	3.50	.35	3.00	25.00		
*Gruss an Teplitz	H.T.	.40	3.50		.35	3.00	25.00		Tausendschön	H.C.	.40	3.50	.35	3.00	25.00		
*Hadley	H.T.	.50	4.50		.45	4.00			Tree Roses (general)				1.00	8.00	70.00		
Hansa	R.H.	.40	3.50		.35	3.00			Trier	H.C.	.35	3.00	.30	2.50	20.00		
Harrison's Yellow	Aust.	.40	3.50		.35	3.00	25.00		Ulrich Brunner	H.P.	.40	3.50	.35	3.00	25.00		
Harry Kirk	T.	.60	5.00		.50	4.00			Universal Favorite	W.H.	.40	3.50	.35	3.00	25.00		
Helen Gould	H.T.	.45	4.00		.40	3.50			Veilchenblau	H.C.	.40	3.50	.35	3.00	25.00		
Henri Martin	M.	.40	3.50		.35	3.00			Vicks Caprice	H.P.	.40	3.50	.35	3.00			
Hermosa	H.T.	.40	3.50		.35	3.00	25.00		Wellesley	H.T.	.50	4.50	.45	4.00			
Hiawatha	H.C.	.35	3.00		.30	2.50	20.00		*White Baby Rambler	Poly.	.40	3.50	.35	3.00	25.00		
Hugh Dickson	H.P.	.45	4.00		.40	3.50	30.00		White Dorothy	H.C.	.40	3.50	.35	3.00			
H. V. Machin	H.T.	1.00	9.00		.90	8.50			*White Killamey	H.T.	.45	4.00	.40	3.50	30.00		
Irish Elegance	H.T.	.50	4.50		.45	4.00			*White M. Cochet	H.T.	.45	4.00	.40	3.50	20.00		
Irish Fire-flame	H.T.	.50	4.50		.45	4.00			Wichuriana	W.	.35	3.00	.30	2.50	20.00		
J. B. Clark	H.P.	.45	4.00		.40	3.50	30.00		Willowmere	Per.	.60	5.50	.55	5.00			
Jeannie Deans	S.B.	.45	4.00		.40	3.50			Winnie Davis	H.T.	.50	4.50	.45	4.00			

Los
Angeles

NEW AMERICAN HYBRID TEA ROSE "Los Angeles"

Gloriously living up to its novelty introduction of last year, which claimed this California product to be one of the grandest all-round Roses of American origin ever put on the market. The past year has further verified all that was claimed for it as to hardiness, vigor and blooming capacity.

The stems are long as on American Beauty; the flowers are large as Paul Neyron, from long and pointed buds; its freedom and continuance of bloom are remarkable: its color "has the tints of the dawn, the gold of noonday and the blush of the sunset," according to one poetic admirer.

The originator (Fred S. Howard) describes Los Angeles as "a flame pink, toned with coral and shaded with translucent gold at the base of the petals."

NEW BABY RAMBLER "Echo"

Among the latest developments of the large-flowered, dwarf-growing, Hardy Polyantha Roses, "Echo" is probably the daintiest, prettiest and most prolific.

While its growth is strong and vigorous, the compact, bushy form, so essential in a successful bedder, is characteristically maintained.

The profusion of its beautiful semi-double, blush white flowers, coupled with virility and "style," make it an ideal subject for winter pot plants.

See illustration in color on front cover.

NEW PILLAR ROSE "Mrs. C. W. Thompson"

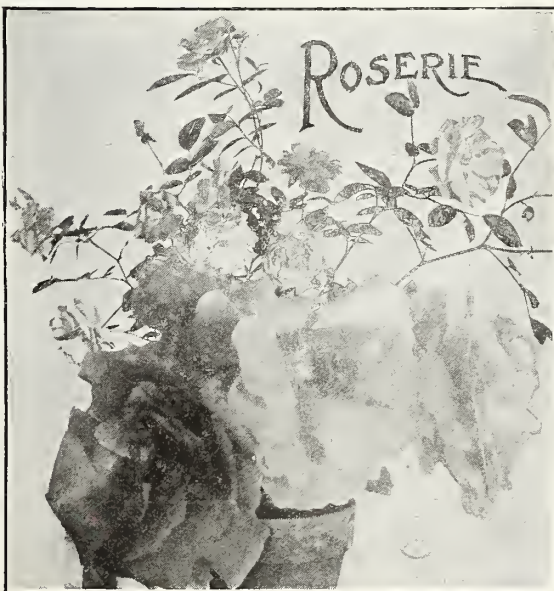
Something new in hardy climbers, unlike anything heretofore offered. Not a rampant grower like D. Perkins, but full-leaved and substantial like the older Pillar Roses, with the shiny green foliage of the Wichuriana class.

The individual flowers are unique in form; being perfectly quilled, full, small buttons, resembling nothing else so much in shape and deep pink color as a Pompon form of that unsurpassed old Dahlia A. D. Livonia. These blooms are lavishly produced in dense clusters throughout an unusually long season; so numerous as to form a veritable mat of glowing pink color.

NEW HARDY CLIMBER "Roserie"

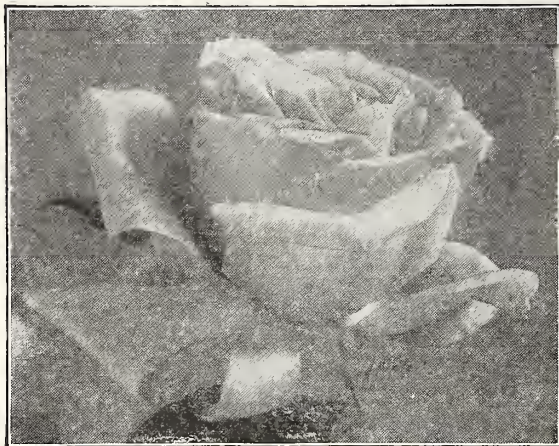
This splendid new Rose is derived as a sport from Tausendschön; and, while showing exactly the same vigorous growth, clean foliage and great freedom of bloom as the parent, its flowers are a deep, glowing pink. This season can be furnished in pot plants only, as follows:

2½ inch pots, 25 cts. each; \$2.50 dozen; 4 inch pots, strong and bushy, 75 cts. each; \$7.50 dozen.



FIELD GROWN TEA and HYBRID TEA ROSES

An unusually wide selection of choice Garden Roses which, although considered hardy, should be carefully protected in the North. Unless specially noted, varieties following are Hybrid Teas. Varieties preceded by a (*) are also offered under Pot Plants.



Betty

American Beauty. Probably the widest known and most prized cut flower among all American Roses. Deep pink, approaching crimson, of exquisite form and fragrance, and large size.

Antoine Rivoire. Large, double, finely formed flowers; rosy flesh over yellow, bordered carmine.

Betty. A new Irish Rose, radiant with an unusual color, the "ruddy gold" tone of golden yellow overspreading coppery rose.

***Blumenschmidt.** (Tea.) Pure citron yellow, edged tender rose on outer petals.

British Queen. Bud occasionally flushed, but open flower is purest white; of globular type between Cochet and Druschki, with massive, exquisitely reflexed petals. A splendid "all-round" Rose for any purpose.

Clara Watson. Rich salmon-pink; particularly pleasing in the bud.

***Crimson Queen.** A choice dark crimson variety of specially good habit.



British Queen

Crown Princess Cecilia. A new Hybrid Tea of exceptionally strong growth, standing in the rows above all its kind. Stems are strong and clean, tinged with red; foliage broad and shiny, a pleasing light shade of moss green. Full, shapely buds of deep salmon open out to magnificent flowers of large size and attractive form; an exquisite gradation of coral pink shades to a warm, deep salmon heart.

Duchess of Wellington. Intense saffron yellow. A fine, strong-featured Rose familiarly called the "Orange Killarney."

Edward Mawley. A free, perpetual Garden Rose, sweetly perfumed and richly deep in color; does not fade in the hottest weather. Velvety crimson.

Etoile de France. Velvety garnet-red cup, with center of vivid cerise. Flowers very large and full, with marked imbrications. Fragrance and sturdy growth especially recommend it as a Garden Rose.

Francis Scott Key. Red, shading to cerise; very large with a profusion of petals opening to a high center. A splendid forcing variety.



General MacArthur

General MacArthur. Dazzling crimson scarlet, exquisitely perfumed. One of the grandest red Roses ever offered, either for cutting or bedding.

General-Superior A. Janssen.

Glowing, deep carmine-red; large full, fragrant and continuous bloom coupled with vigorous and compact growth.

George C. Waud. Unfading light red,—orange vermillion.

HYBRID TEA ROSES (Continued)

Gruss an Teplitz. Intense depth and richness of color;

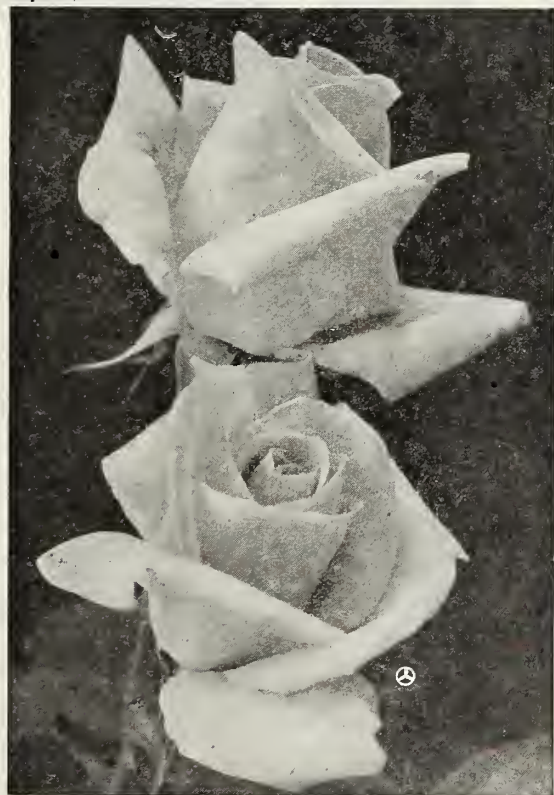
velvety crimson-red. One of the best dark Garden Roses.

***Hadley.** One of the latest sensations among Rose growers. Superb flowers and dependable bushy growth; color deep, velvety crimson-scarlet.

Harry Kirke. (Tea.) Very fragrant; elegant long buds and splendid flowers. Color deep sulphur yellow, lighter at the edges.

Helen Gould. A beautiful crimson-wine color, flowers large and very sweetly scented.

Hermosa. Cup shaped, full flowers of soft, deep pink; an old favorite.

**Killarney**

H. V. Machin. Intense scarlet-crimson; large, full and high centered.

Irish Elegance. Of unique character in the hybrid tea class; with broad five-inch, single flowers in abundance throughout the season. Long buds of bronzy orange scarlet open out to a rich apricot.

Irish Fire-flame. A vigorous grower with distinct and handsome foliage. Its charming spiral buds are deep, maddery orange splashed with crimson; fiery orange crimson when the wide, single flowers are fully expanded.

***Jonkheer J. L. Mock.** A new pink Rose from Holland; vigorous in growth and hardy, with long smooth canes and great freedom of bloom. Flowers are round and full, bright pink faced carmine. A splendid bedder.

***Kaiserin Augusta Victoria.** A beautiful Rose, with elegant, large pointed buds and very large, full double flowers; color, delicate creamy white; deliciously fragrant.

***Killarney.** Queen of the Irish Roses, of exquisite form and fragrance. Bright carmine-pink, marbled in creamy white, with petals large and durable, the buds extremely long.

La Detroit. An exquisitely scented pink Rose of strong, hardy, everblooming habit; shell pink shading to soft rose; with creamy outer petals.

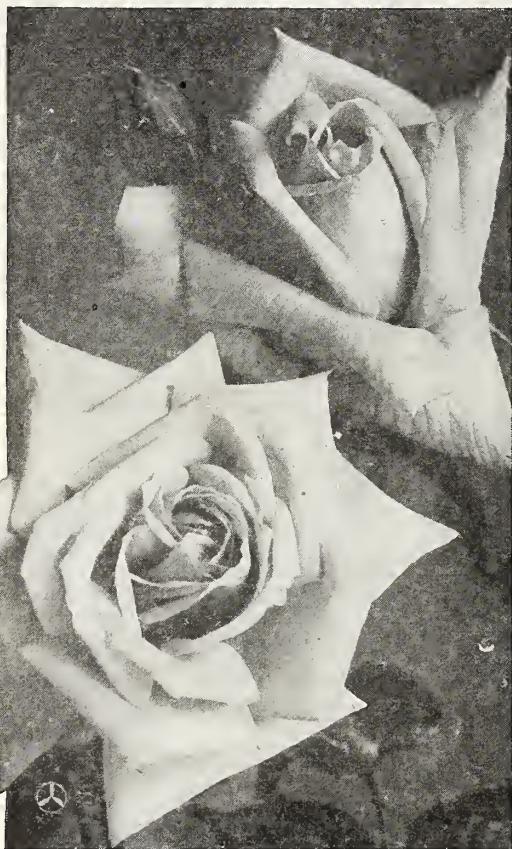
Lady Alice Stanley. Shell-shaped petals of deep coral rose outside, interior delicate flesh suffused pink. A persistent and free bloomer.

**Jonkheer J. L. Mock****Gen.-Sup. A. Janssen****Lady Hillingdon**

HYBRID TEA ROSES (Continued)

***Lady Hillingdon.** A splendid new yellow variety, giving quick response to forcing treatment and one of the most prolific cut flowers. Color deep apricot-yellow varying to orange.

Mad. Abel-Chatenay. A grand bedding Rose; flowers of good size, very double, with slightly recurved petals; color, rosy carmine, shaded salmon.



Mad. Caroline Testout

***Mad. Caroline Testout.** An old favorite; always dependable, seldom out of bloom, ever beautiful. Light salmon-pink, edged silvery rose.

Mad. Constance Soupert. (Tea.) A dainty cut-flower of pretty form and sweet fragrance; yellow.

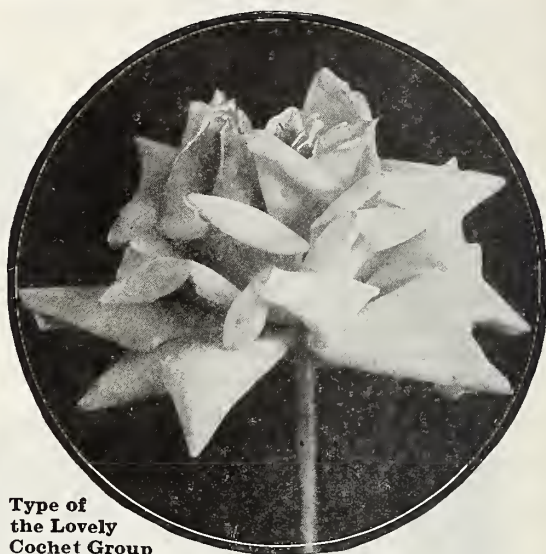
Mad. Leon Pain. Silvery salmon overlaid orange at center. A very good Garden Rose.

Mad. Philippi Rivoire. Classed with the best of the yellows; its large double flowers appearing continuously in graduating shades from brightest apricot-yellow to pale carmine.

Mad. Segond-Weber. A highly satisfactory garden Rose, everblooming and hardy. Flowers are very large, full and fragrant; a warm, deep pink—although a lighter shade of salmon-flesh in the bud form.

***Mamam Cochet.** A favorite pink bedding or pot Rose, with large flowers on long, straight stems; color, deep rosy pink, inner side of petals silvery rose.

Mary, Countess of Ilchester. Warm crimson-carmine flowers very large and sweet scented.



**Type of
the Lovely
Cochet Group**

Mrs. Aaron Ward. Buds are deeply cupped, the open flowers delightfully attractive. Color, deep golden orange, shading outward to creamy yellow.

Mrs. A. R. Waddell. Very deep, rich apricot-yellow flowers, of large size and attractive form.

Mrs. Charles Russell. One of the choicest new pink Roses, similar in character to the red American Beauty; a lovely shade of bright rose-pink deeper toward center.

Mrs. George Shawyer. A favorite new forcing variety among the leading florists, besides being a first class rose-pink bedder.

Mrs. Wakefield C. Miller. A most attractive color combination in large, free flowers with wavy edges; soft pearl shaded salmon, with rosy reverse.

***My Maryland.** Sweet scented, very pretty salmon-pink; a very popular forcing successor to Bridesmaid or Killarney, and a splendid summer bedder.

***Ophelia.** One of the most beautiful and popular of recent cut-flower favorites; with perfect flowers of distinct form, lavishly produced, emitting the exquisite perfume of the Richmond type. Color, salmon-flesh shaded with rose.

Prince of Bulgaria. Very full cup-shaped flowers; an exquisite shade of rosy flesh color, shaded with apricot and yellow.

***Radiance.** Extra hardy, vigorous and prolific; one of the best all-round Garden Roses. Its color is a beautiful blending of carmine-rose with shades of opal and copper.

***Red Radiance.** The wonderful, globular, heavy-stemmed "Radiance" duplicated in all respects except color; this sport form being a brilliant crimson.

***Robin Hood.** Glorious rosy scarlet, soft, bright and lasting; bloom full and nicely formed.

Souv. de Pres. Carnot. Delicate blush white, flushed deeper at center and slightly suffused with fawn.

Sunburst. Very select, with long spiral buds; a lovely bronzy yellow fading to apricot.

Wellesley. Exceptionally free blooming, and for this reason valuable for bedding; silvered rose-pink.

***White Killarney.** A duplicate of the charming pink Killarney, with flowers white as snow.

***White Mamam Cochet.** A beautiful pure white.

Winnie Davis. Soft pink tinged apricot and flesh.

SEE COMPLETE PRICE LIST OF ROSES ON PAGE 102.

NEW PERNETIANA ROSES

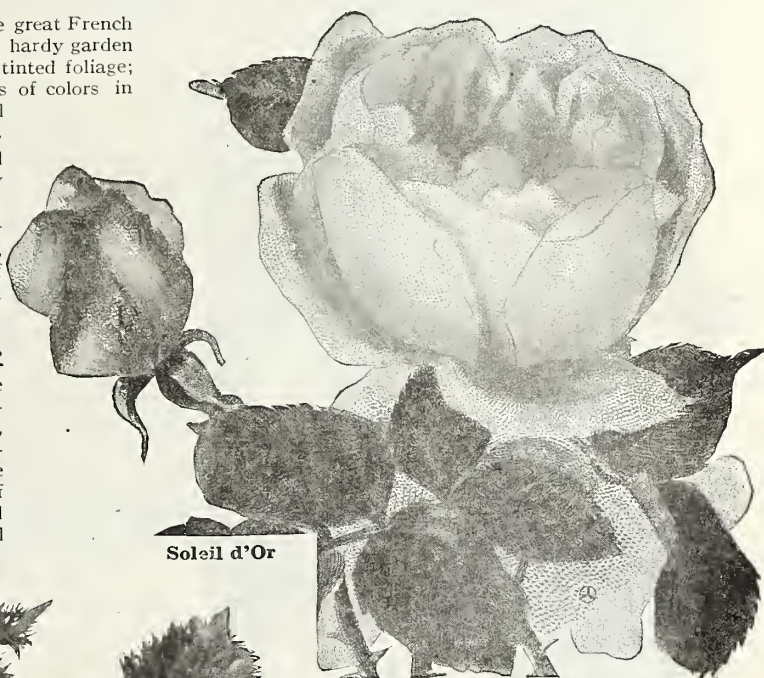
These are all recent products of the great French Rose grower, M. Pernet. They are hardy garden subjects, chartered by ornamental tinted foliage; and striking, beautiful combinations of colors in the flowers in which the rare and much prized yellow is predominant.

Juliet. Fine flowers; petals gold outside, inside rich, rosy red deepening as the flower expands.

Lyon Rose. Large, well-formed flowers, showing a charming combination of salmon, shrimp pink, coral and chrome yellow.

Mad. Edouard Herriot.

This is the latest and probably the best of Pernet's famous introductions. Its flowers are medium sized, semi-double, well set, amidst varnished bronze-green foliage. The color is a glorious commingling of terra cotta, bronze, geranium red and dull copper; fine long, pointed buds of coral-red and yellow.



Soleil d'Or

Soleil d'Or. A cross between Persian Yellow and Antoine Ducher. It is a fine hardy outdoor Rose, showing much the same character as the Hybrid Perpetuals. Especially valuable, because of its rare color; gold and orange yellow varying to ruddy gold suffused with Nasturtium red.

Willowmere. A robust Garden Rose of bushy habit, with beautiful buds, very large flowers and lustrous green foliage. Color rich shrimp pink, shaded yellow at center and toning to cream pink towards base of petals.

MOSS ROSES

A species of beautiful Roses distinguished by the moss-like covering of their buds. Vigorous, stocky growth, lustrous foliage and perfect hardiness make them valuable for out-door planting. The flowers are usually large and, although they bloom but once a year, retain their beauty exceptionally long.

Blanche Moreau. Pure white.

Countess of Murinais. White, beautifully mossed.

Crested. Deep pink buds, surrounded by a mossy fringe and crest; exquisitely fragrant.

Deuil de Paul Fontaine. Deep crimson; constant.

Henri Martin. Rich glossy pink tinged with crimson; large globular flowers.

Luxembourg. Bright crimson.

Perpetual White. Clustered, pure white flowers.

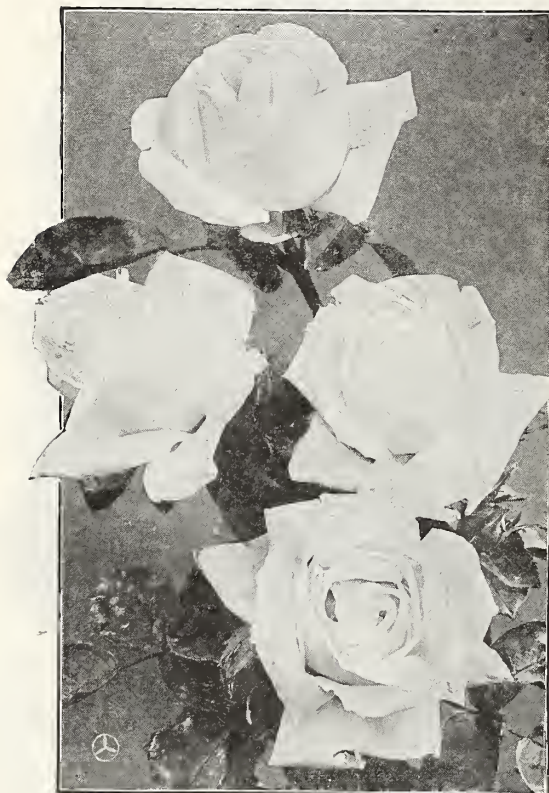
Princess Adelaide. Fine large flowered; very double and fragrant; color bright rosy pink.

Salet. Light rose, large and full; good Autumn bloomer.



HYBRID PERPETUAL ROSES

These are the "June Roses" so admirably suited for garden culture, the formation of Rose beds, hedges, etc. In May and June these lovely Roses are brilliant with large, perfumed flowers of richest colors, far exceeding the Everblooming class in size and vivid effects. Some varieties bloom late in summer and even into autumn.



Frau Karl Druschki

Frau Karl Druschki. The regal "White American Beauty."

The distinctive form and expression of its bud, half opened state and maturity are a three-fold revelation of exquisite charm and beauty. In our gardens, they commence blooming with the June Roses, are conspicuous throughout the summer with their large flowers of waxy paper-white, and yield their last armful with the first snows of an early fall.

J. B. Clark



Gen. Jacqueminot. Holds first place among the dark red Roses.

Gen. Washington. Deep crimson; opens wide and flat.

Geo. Arends. (Pink Druschki.) A magnificent new Rose of much the same shaped flower and plant character as the famous white Druschki; color a satiny, tender rose.

George Dickson. A magnificent new Irish Rose in many ways the best of its type. Flowers are of charming contour, extreme size and rich perfume; velvety crimson with scarlet reflexed tips and heavy maroon veinings, causing lustrous shadows on the reverse. Foliage is thick, leathery, beech-green; and plant growth very vigorous.

Alfred Colomb. Bright carmine-crimson; one of the very best dark colored sorts.

Anna de Diesbach. Brilliant rose color, very large and broad flowers.

Baron de Bonnstetten. A beautiful shade of dark red, changing to velvety maroon. A free bloomer and one of the leading dark Roses.

Baroness Rothschild. Exquisite pale pink, full-cupped flowers, late blooming.

Capt. Hayward. Distinct, high-built, large, full, handsome flowers of crimson-carmine.

Clio. Color, delicate satin blush, with a light shading of rosy pink at the center; very broad and full.

Coquette des Alps. White, tinged pale rose.

Coquette des Blanches. Fine form; pure white.

Duke of Edinburgh. Brilliant crimson-scarlet shaded with maroon.

Earl of Dufferin. Rich crimson maroon, with dark and velvety shadings. Flowers are large, full, globe-shaped, thick petaled and very fragrant.

Eugene Furst. A beautiful, velvety crimson, with distinct shading of crimson maroon. One of our showiest and freest blooming red Roses.

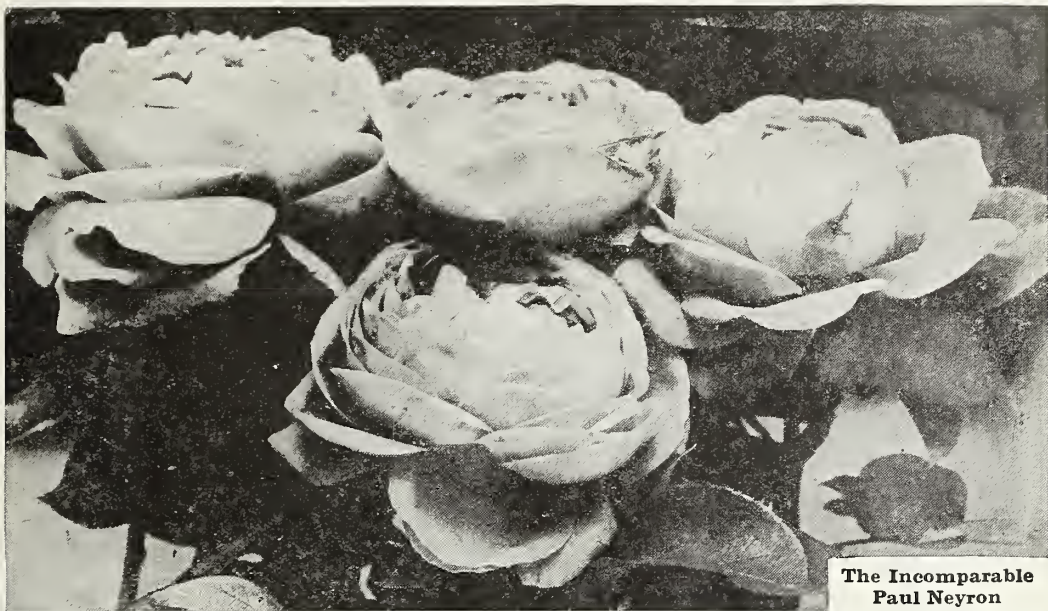
Fisher Holmes. Large, moderately full and finely imbricated flowers of rich, glowing crimson.

Francois Levet. Large, bright clear rose color.



Geo. Arends

SEE COMPLETE PRICE LIST OF ROSES ON PAGE 102



**The Incomparable
Paul Neyron**

HYBRID PERPETUALS (Continued)

Glorie de Margottin. Brilliant crimson scarlet flowers; semi-double; very fragrant.

Glorie Lyonnaise. Beautiful salmon-yellow, full and fragrant.

Hugh Dickson. Magnificent crimson, shaded with scarlet. Flowers very large, of perfect shape and fully double. Plant strong, vigorous, productive.

J. B. Clark. This splendid new Rose is placed by some cataloguers among the Hybrid Teas; but it is perfectly hardy, unusually large and expresses in every way the characteristics of the Remontant type. It is robust in growth, with clean, heavy foliage. Flowers are large and superbly constructed; deep scarlet overlaid with crimson.

John Hopper. Beautiful dark pink.

Jubilee. Pure red, shading to crimson and maroon at the base of petals; one of the darkest.

Mad. Gabriel Luizet. Large full and fragrant flowers; soft pink with deep flesh colored center.

Magna Charta. A general favorite, prized on account of its strong, upright growth, bright healthy foliage and for its magnificent bloom. The color is beautiful bright pink, suffused with carmine.

Margaret Dickson. One of the choicest of the June Roses with flowers nearly as large as Paul Neyron. Pure, waxy, unblemished white.

Marshall P. Wilder. Bright, cherry red; a shapely globular flower and free bloomer.

Mrs. J. H. Laing. A favorite sort; satiny flowers of soft, clear pink, remarkably free and continuous. Has always been one of the "six best sellers," and generally accepted as the best of light pinks.

Mrs. R. G. S. Crawford. Grandly formed flowers of warm, delicate pink, the heavy petals finely imbricated. A particularly good sort.

Paul Neyron. One of the finest hardy Roses ever grown. It blooms unceasingly from June to November, on uniformly shaped flowers 4 to 6 in. across. Color a bright ruddy pink.

Prince Camille de Rohan. One of the darkest colored Roses; very dark velvety crimson, changing to intense maroon. A very prolific bloomer, and flowers are of excellent form and size.

Ulrich Brunner. Splendid upright grower, with bright healthy foliage. The flowers are good sized and of fine form, with shell-shaped petals. One of the most abundant bloomers; color, cherry red.

Vick's Caprice. Soft pink, striped carmine; an odd variegation which makes a very attractive modification of the plain colors.



Mrs. J. H. Laing

THE NEW PINK
RAMBLER
ROSE

"DOROTHY
PERKINS"

HARDY CLIMBING ROSES

INCLUDING THE RAMBLER GROUP

Since the advent of the sensational Crimson Rambler, development of Hardy Climbers has made wonderful strides; the lists of today offering a remarkable variety of types and colors, in perfected quality.

American Pillar. One of the most valuable and attractive of the Hardy Climbers, flowering profusely in large, compact clusters. The single flowers range from 2 to 5 inches in width. Brilliant carmine rose, with a slight cream variegation and yellow stamens at center.

Baltimore Belle. Very double bluish white.



American Pillar

*Climbing American Beauty.

(New.) This new climbing form of the famous pink Rose so long the American favorite for cutting, is as lovely and fragrant and deeply pink as the bush form. The hardy climber blood with which it is crossed, gives healthy, perfect foliage and a strong climbing habit of growth; the abundant bloom being in prime before the June show of the bush type.

Crimson Rambler. The famous crimson-clustered climber. Makes shoots 8 to 10 feet long in a season. Flowers are produced, from ground to tip, in large pyramidal clusters of 30 to 40.

Doctor Van Fleet. One of the newer type of climbers which combines absolute hardiness with flowers large as the tender sorts of Tea and Noisette class. This variety shows a mass of beautiful clustered buds, which open out into large, shapely flowers; delicate flesh white. An admirable cutting variety with stems 12 to 18 inches long.

Dorothy Perkins. A beautiful shell-pink, foliage finer, smoother and darker than Crimson Rambler.

Excelsa. (Red Dorothy Perkins.) A radiant, blood-red cluster Rose, as free and double as Dorothy Perkins of which it is the red prototype. The clusters are very large.

Farquhar. A strong, vigorous grower plentifully supplied with brilliant, light pink flowers, similar in color to Perkins, but borne in the great clusters of Crimson Rambler.

SEE COMPLETE PRICE LIST OF ROSES ON PAGE 102

HARDY CLIMBING ROSES (Continued)**Hiawatha****Flower of Fairfield.** (The Everblooming Crimson Rambler.)

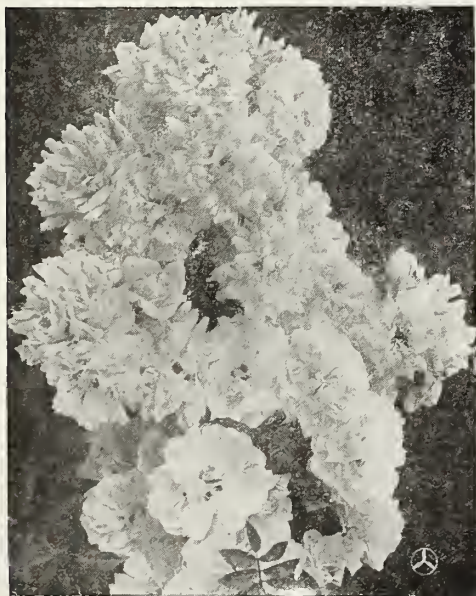
It carries the crimson splendor of the type from spring even into November; commencing to bloom on the first young, red shoots, and adding size and brilliancy with its growth of wood. Perfectly hardy and an important acquisition.

Goldfinch. (New.) The ideal yellow Rambler.

Flowers are large, semi-double, in full clusters; buds show a rich, lemon yellow, the opened flowers a trifle lighter.

Hiawatha. Distinctly different from other Ramblers.

Its small flowers, deep ruby crimson, accentuated by a white eye, are uniquely borne in long trails of 40 to 50 blooms. This variety is very popular for training on fences, not only as a covering for the fence, but because it is really one of the prettiest Roses of its kind.

**White Dorothy**

Prairie Queen. Always popular. Bright rosy red.

Tausendschön. (Thousand Beauties.) A rapid growing, almost thornless climber, showing the blood of Rambler, Polyantha and Tea parentage. Its innumerable flower clusters make a pretty show in June and July; at first, the soft pink of Clotilde Soupert, and later deepening to a bright carmine rose.

Trier. Semi-double, produced freely and continuously in large clusters of creamy white; the center being filled with bright yellow anthers so long and numerous that at a distance the Rose appears yellow.



See description of New Hardy Climber Mrs. C. W. Thompson on page 103.

Veilchenblau. (The Blue Rambler.) This grand new Rose is past the novelty stage, and is commonly accepted as a truly blue Rose. Its flowers are somewhat larger than Crimson Rambler but otherwise it closely follows the type, and is very attractive with its shiny green foliage and the steely blue of its flowers.

White Dorothy. A beautiful white flowered cluster Rose, as free and expressive as its pink rival, the Dorothy Perkins. The vines are a sheet of white during their blooming season and are especially valuable because of the rarity of good white Climbing Roses.

HYBRID POLYANTHA, FAIRY or BABY RAMBLER ROSES



Yellow Baby Rambler



Baby Tausendschön



Orleans

This type has been in existence only a few years, but so much were they needed and so admirably do they meet the need, there is no class of Roses today being so widely planted nor so high in general estimation. They are such splendid, hardy, showy, compact bedders; they keep their color so well and continue in full bloom through such a remarkably long season, there is no end to the uses to which they may be put. *See Pot Roses.

STRONG 2-YEAR FIELD GROWN

***Baby Rambler.** The original dwarf form of Crimson Rambler. The wonderful persistency of its bloom makes it one of the choicest plants in cultivation for summer bedding; and as an edging to borders of Shrubs, Roses or Perennials, it has no equal.

Baby Dorothy (Pink) A true dwarf form of Dorothy Perkins, the prettiest pot Rose on the market.

Baby Tausendschön. (Louise Welter.) Dwarf, bushy growth; flowers large, semi-double, in pretty clusters; a prevailing flesh-pink color. Flower an exact counterpart of the beautiful climbing Rose Tausendschön.

***Clotilde Soupert.** Flowers large, fully double, numerous and deliciously sweet; beautiful creamy white merging into a center of clear bright pink. This variety is an old favorite and marked famous beauty spots in the garden many years before the "Baby Ramblers" were known.

Echo. (New.) Beautiful, semi-double, blush white flowers of the Tausendschön type produced in great abundance; plant growth strong and vigorous.

***Ellen Poulsen.** A very free and vigorous type, with large, full, sweet scented clusters of dark pink.

Erna Teschendorf. The most vivid crimson of any Polyantha Rose, easily the best all-red Baby Rambler yet produced. One valuable quality in which it excels is that it never loses color under the hot sun. Flowers large, fully double, and borne profusely the entire season.

George Elger. ("Yellow Baby Rambler.")

One of the daintiest, prettiest, and most useful of all Baby Roses. Its pointed buds are the richest yellow and open up into yellow double flowers of exquisite form. Although a real novelty, the profusion and rare color of its bloom, coupled with its small, glossy, attractive foliage, have given it instant acceptance among florists, who urge it, among other qualifications, as the ideal corsage bouquet.

Greta Kluis. A new variety of pretty form; deep pink.

Grete Schreiber. An improved Louise Welter of more vigorous habit and deeper color; pearl pink.

Jessie. Richmond red, and does not fade.

Mad. Cutbush. Clear, flesh pink, with shadings of rose. One of the older types and largely used as "Pink Baby Rambler."

***Mlle. Cecile Brunner.** A delightful little fairy Rose, each pot or rounded bush blushing vividly with pink and cream, continuously. Has been otherwise named "Mignon" and "Sweetheart."

***Orleans.** Geranium red, with a distinct center of pure white. Remarkably free blooming, and of unexcelled keeping qualities; a great favorite. Although the flowers of this charming variety are numerous, they are not crowded; each individual bloom standing out distinctly in a most pleasing arrangement.

***Tip Top** (or "Baby Doll.") One of the daintiest little Roses imaginable, with full clusters of yellow, tipped and flushed carmine. You should have this little "fairy" in your home.

***White Baby Rambler.** Its pure white flowers are perfectly double, and bloom with the unceasing freedom of the reds and pinks of this class.

Baby Rambler Tree Rose. Combining the utility

of the standard or tree form to elevate the show of bloom above surrounding objects, with the globular, compact bush-top, which fairly flames with crimson during the long blooming season. Price \$1.50 each.

SEE COMPLETE PRICE LIST OF ROSES ON PAGE 102

ROSA RUGOSA

AND ITS HYBRIDS

A valuable, perfectly hardy type much used in landscape work; the heavy wood and shrubby formation adapting it to hedges and hardy borders, or to mixed shrubby groups. The foliage is lustrous, dark green, usually corrugated, and is impervious to attacks of insect pests. Flowers are borne in clusters of varying size and construction, and are succeeded by persistent fruits which carry their usefulness into winter.

Rosa Rugosa Rubra. Single flowers, rosy crimson.

Rosa Rugosa Alba. Pure white.

Agnes Emily Carman. Flowers large, semi-double, rich, deep crimson.

Belle Poitevine. Very free and branching, every tip laden with immense large pink bouquets. Buds very long; perfume exquisite.

Blanc Double de Coubert. Purest paper white, blooming in clusters of from 5 to 10 five-inch flowers; double, very sweet.

Chas. Fred'k Worth. Attractive, deep green foliage, denser and darker than the other Hybrids; flowers deep crimson with carmine shadings, fairly double.

Conrad Ferd. Meyer. An early flowering Hybrid combining the ornamental qualities of its Rugosa foliage with the blossom beauty and perfume of the Hybrid Perpetuals. Flowers large, cup-shaped and double; of a delicate silvery pink.

Hansa. Brilliant red flowers, large and handsome.

Mad. Georges Bruant. Semi-double pure white, produced freely in showy clusters, buds being long and pointed. Needs slight protection against zero weather.



Rugosa Roses Showing Fruit

New Century. Flowers very large, full and double, borne in clusters; flesh pink, with bright red center, all petals widely bordered with creamy white.

Nova Zembla. Similar in character to C. F. Meyer, with beautiful pure white flowers.

JAPANESE TRAILING ROSES

The evergreen, lustrous, dense and healthy foliage of this species make them indispensable for ground covering and shallow bedding. They bloom profusely during a long season and brighten the early winter months with conspicuous fruits and still green foliage. Although trailing in tendency, every variety yields readily to upright training.

Rosa Wichuriana. (Memorial Rose.) Handsome for covering rockeries, mounds or embankments; especially valuable for cemetery planting. The pure white single flowers appear in greatest profusion during the month of July.

HYBRID WICHURIANA ROSES

Debutante. Pure white clusters.

Evergreen Gem. This Rose possesses phenomenal vigor, growing even during the milder periods of winter. Its glossy green foliage is truly evergreen; creamy white flowers numerous, and rich with the fragrance of the Sweet Briar Roses.

Jersey Beauty. Fragrant single flowers, in clusters. Pale yellow, with conspicuous tufts of bright yellow stamens.

Manda's Triumph. Pure white and very double, produced in covering clusters of from 10 to 12 each.

Pink Roamer. Large, single, in striking clusters; pink, with white center.

South Orange Perfection. Soft blush pink at the tips, changing to white.

Sweetheart. A beautiful shade of rosy pink, free and continuous.

Universal Favorite. Flowers double, of a beautiful rose color; very fragrant.



Double Hybrid Wichuriana—Debutante



The Picturesque Utility of Rosa Setigera

LORD PENZANCE'S HYBRID SWEET BRIARS

An interesting group with single, exquisitely colored flowers borne in the greatest profusion. If used for hedging, plant two feet apart.



Crimson
Rambler
Tree Rose

Amy Robsart. Deep rose.

Anne of Geierstein. Dark, velvety crimson.

Jeannie Deans. Scarlet-crimson.

Lord Penzance. Fawn, with golden center.

Lucy Ashton. White, edged pink.

Meg. Merrilies. Bright crimson.

MISCELLANEOUS HARDY ROSES

Harrisons Yellow. Free flowering, semi-double yellow garden Rose, the bush alone being quite ornamental.

Mad. Plantier. (Hybrid China.) One of the most satisfactory Roses for cemetery or yard planting. Blooms in the middle of June, when its large clusters of purest white flowers form a perfect mound of white.

Persian Yellow. An old favorite, and still one of the best yellow Roses for the yard. Deep golden yellow.

Setigera. Useful for massing in picturesque hillside brambles; as borders to wildwood drives; as filling for dead corners; and with equal harmony, as a congenial mixer with shrubs and in single specimens.

Setigera is a good practical porch and trellis climber or with occasional clipping makes a showy, satisfactory bush. Large single flowers in abundance; color, a bright rose pink.

STANDARD or TREE ROSES

The Tree Roses are grafted on hardy Rose stalks four to five feet high, and when in full bloom are objects of beauty, making handsome plants for the lawn or Rose border. In this shape we offer only the Hybrid Perpetual and hardy classes. We have them in white, the different shades of pink, red and crimson. Fine, strong trees that will bloom nicely the first year. \$1.00 each. These can only be sent by express or freight.

BABY RAMBLER TREE ROSE

A most attractive novelty in hardy Roses. Budded on strong, straight stems four feet high; the round bushy Baby Rambler tops at all times a perfect mass of crimson bloom. The most florescent of all Tree Roses. \$1.50, by express.



POT-GROWN ROSES



All of the hardier sorts, of which the larger part of stock has been raised in the open ground, will be found separately listed under a preceding section devoted to "Field Grown Roses," and in each list is preceded by a (*) star.

CULTURE OF ROSES IN POTS. For house culture the various types of Everblooming Roses will give a succession of bloom if treated in the following manner: Drain the pots well with broken bits of crock; mix one part of well-rotted cow manure with two parts of light, friable soil, and press firmly about the roots in potting. Keep well watered during the summer, more scantily in fall and winter. Pinch off all flower-buds until winter, and then give all the sunlight possible. Keep your plants clean and growing. About 60 degrees is the best temperature for window or general indoor culture.

GENERAL COLLECTION OF EVERBLOOMING ROSES

Offered in 2 year stock from 4 inch pots, and in 1 year stock from 2½ inch pots.

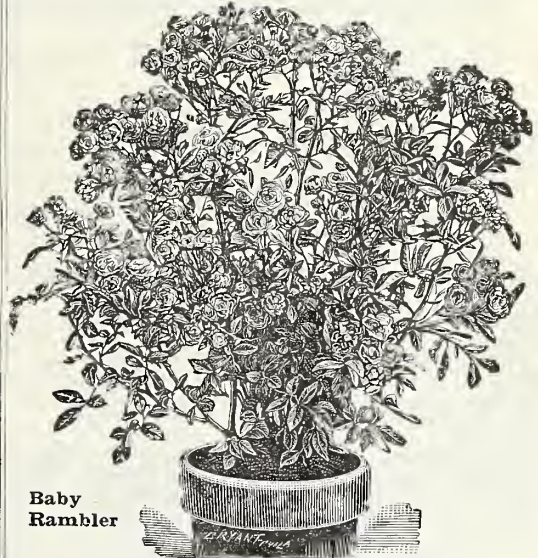
- 4 inch pot Roses at 25 cts. are \$2.50 per dozen.
 4 inch pot Roses at 35 cts. are \$3.50 per dozen.
 4 inch pot Roses at 40 cts. are \$4.00 per dozen.
 2½ inch pot Roses at 10 cts. are \$1.00 per dozen.
 2½ inch pot Roses at 15 cts. are \$1.50 per dozen.
 2½ inch pot Roses at 20 cts. are \$2.00 per dozen.



Ophelia

TEA AND HYBRID TEA ROSES

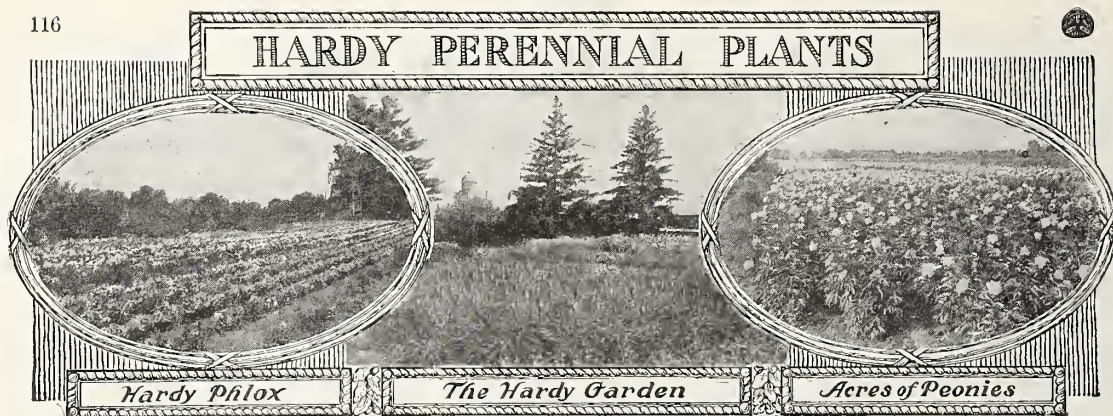
	4 In.	2½ In.
* Blumenschmidt. Pure citron yellow, edged tender rose on outer petals.....	\$.35	\$.15
* Crimson Queen. A fine, free blooming crimson-scarlet; fragrant.....	.35	.20
* Gruss an Teplitz. Deep red.....	.25	.10
* Hadley. (New.) Velvety crimson-scarlet.....	.35	.15
* Jonkheer J. L. Mock. Bright pink, faced carmine. Grand new bedder....	.40	.20
* Kaiserin Aug. Victoria. Tinted white.....	.25	.10
* Killarney. Mottled pink.....	.25	.10
* Lady Hillingdon. A deep shade of yellow which does not easily fade.....	.35	.15
* Mad. Caroline Testout. Silvery rose, with cherry center.....	.25	.10
Mad. Francesca Krueger. Large flowers of coppery yellow.....	.25	.10
* Mamam Cochet. Rose pink.....	.25	.10
Marechal Neil. The grand old yellow Climbing Rose.....	.35	.15
Mrs. B. R. Cant. Flowers large, round and full; even shade of salmon rose....	.25	.15
* My Maryland. Lively pink; a choice variety.....	.35	.15
* Ophelia. One of the finest recent introductions for cut-flower use; salmon-flesh shaded with rose....	.40	.20
* Radiance. A beautiful blending of carmine rose with opal and copper shades.....	.35	.15
* Red Radiance. Same form and habit; deep carmine.....	.35	.15
* Robin Hood. Rosy scarlet.....	.35	.15
* White Killarney. White as snow....	.25	.10
* White Mamam Cochet......	.25	.10



Baby Rambler

HYBRID POLYANTHAS or "BABY RAMBLER" GROUP

	4 In.	2½ In.
* Baby Rambler. The original of the group; dwarf, bushy, profusely blooming, crimson.....	\$.25	\$.10
* Baby Dorothy. Fluted petals, bright pink.....	.30	.15
* Baby Doll or " Tip Top. " Golden yellow, tipped cerise. A wonderful little bouquet Rose.....	.35	.15
* Baby Tausendschön. White and pale pink.....	.35	.15
* Clotilde Soupert. Creamy white and pink.....	.25	.10
* Echo. (New.) A lovely blush-white....	.60	.30
* Ellen Poulsen. Sweet scented, dark pink.....	.35	.15
* Erna Teschendori. Unfading crimson.....	.35	.15
* George Elger. Yellow Baby Rambler; a beauty.....	.35	.15
Gruss an Aachen. Reddish orange effect; an attractive novelty.....	.35	.15
* Jessie. Richmond red.....	.25	.10
* Mlle. Cecile Brunner. Color salmon rose on a yellow ground; very fragrant....	.25	.10
* Orleans. Flowers are strikingly handsome; a warm Geranium red with center of pure white.....	.25	.10
Red Orleans. (New.) Cherry red....	.35	.15
* White Baby Rambler. Its pure white flowers are perfectly double, and bloom unceasingly.....	.25	.10



FOR PERMANENT PLANTING IN BORDERS OR BEDS

The planting of hardy perennials has received a wonderful impetus during the past few years, mainly through the advertising and efforts of prominent Landscape Gardeners who have striven towards a revival of those delightful, colorful effects so common to the gardens of long ago. It needs but one thoughtfully arranged, generously proportioned plantation in a community to incite others to keen appreciation and desire.

Today there is no department of any ornamental nursery so alive and progressive, as this extensive line of hardy herbaceous plants which go into the making of

THE OLD FASHIONED HARDY GARDEN

Why. Perennials are planted, essentially, for their yield of flowers. With the right selection of classes and varieties, our garden plots may be kept bright and cheery with bloom from before the first robin's song in spring, until Nature herself gives up the gracious task in early winter.

When. These roots may be planted as early in spring as the ground is pliable (or in the autumn); selecting an opportunity when the soil is not cold, wet or soggy. Large clumps are not necessary nor often desirable; the smaller divisions or pot grown stock showing more thrift and virility, and developing into shapelier plants than the bulkier old roots.

Where. Proper location and intelligent distribution are important items and should receive serious consideration. Any good soil sensibly enriched with rotted manure, bone meal or sheep manure as available, dug deep and thoroughly mixed, will be satisfactory.

Various coarse-leaved, tall growing sorts, such as Anchusas, Boltonias, Cassia, Hollyhocks, Golden Glow, Mallows, Sunflowers, etc., should of course be located in the **background**. The **front** of the border should be laid out in the dwarfest growing kinds, such as Achillea, Columbines, Shasta Daisies, Euphorbias, Gaillardia, Heuchera, Hypericum, Dwarf Lychnis, Forget-me-nots, Plumbago, Iceland Poppies, Sedums, etc. **Intermediate** rows will take care of the great majority of perennials; the principal requirement in their location being to so dispose that colors will not clash, nor be unequally distributed. The matter of variation in **blooming season** should also affect location, in order to have no material section of the garden without some show of color at any time of the year. Thoughtful study of succeeding pages with these matters in view, will pay its own reward.

How. **SPACING.** In planting perennials, it is generally safe to space those varieties which do not grow above two feet, about 12 inches apart; the taller ones at an interval one-half the ultimate height. Crowded or stingy planting are equally disastrous to healthy growth and perfect effect.

CULTIVATION. Don't let up with the hoe! Keep the ground well cultivated, leveled and free from litter;



except during protracted drought, a light mulch of short grass (sweepings from the lawn) will help retain moisture and keep the soil from baking.

TRAINING. Judicious "staking" at an early date will adjust many later defects of top-heaviness or unequal development. If done early, the correction and support will be absorbed; after maturity, any alteration would appear abnormal and unsightly.

TIDINESS goes a long way towards an attractive garden. Snipping a broken twig; an untanglement here and there; removing withered leaves, dead flower stems, etc., will repay the odd moments of time and attention.

DIVIDING. The earliest flowering types are generally dwarf, compact and close rooted; these may be left undisturbed for several years. The tall sorts of late summer and fall are fast growing and prolific; it will be found a positive advantage to quality of bloom and general appearance, if these are taken up, divided, and a part only replanted, at least every second year.

WINTER PROTECTION. Everything listed in this section is "hardy," but in varying degree. For instance, Tritomas, Poppies and Shastas really need some protection. A light covering of coarse straw manure or leaves (not over 2 or 3 inches deep) will give comfort to all kinds, and ensure safety for the weak. After removing all stems and dead foliage, during the last days of November, or before severely cold weather sets in, apply this dressing, remembering to remove it gradually next spring, as soon as frost begins to leave the ground.

**Achillea Boule de Nieve****Achillea, Boule de Nieve.** (Ball of Snow.)

A new form of this valuable perennial, more erect and compact than The Pearl, with fuller ball shaped flowers; pure white. 15 cts.; \$1.50 per dozen.

—**The Pearl.** One of the very best white flowered border plants, resembling Pompon Chrysanthemums. 15 cts.; \$1.50 per dozen.

Ægopodium Variegatum. (Bishops Weed.) A rapid growing, ground-covering plant used extensively for dwarf borders to shrub groups, and for concealing waste ground. Attractive leaves prettily variegated green and yellow. 1 foot. 10 cts.; \$1.00 per dozen.

Agrostemma Coronaria. (Rose Campion.) Flowers bright crimson or white, phlox shaped; with velvety silver foliage. **Mixed.** 15 cts.; \$1.50 per dozen.

**Anchusa Dropmore**

Alyssum Saxatile Compactum. (Golden Tuft.) A useful little border and rockery plant, growing not over 12 inches high; covered with enveloping flat clusters of bright golden-yellow flowers early in summer. 15 cts.; \$1.50 per dozen.

Anchusa Italica, Dropmore Variety. A bold, broad leaved growth, and flower stems 3 to 5 feet high, bearing a continuous show of deep blue flowers from spring until late summer. The stools are quite dense and bushy, each stem nearly covered full length with double, inch wide flowers, of the deepest cobalt blue. 15 cts.; \$1.50 per dozen.

—**Opal.** A new variety of much the same azure blue shade as found in Belladonna Larkspur; the unopened buds suggesting the pink of apple blossoms. 15 cts.; \$1.50 per dozen.

**Fall Blooming
"Wind Flowers"**

ANEMONE JAPONICA. (Wind Flowers.) A valuable class, suitable for edging, massing or single specimens. They grow rapidly 2 to 3 feet and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from August till mid-November, the large open flowers furnishing abundant cut-flowers and a brilliant field display.

—**Alba.** Purest white, with yellow center.

—**Autumn Queen.** A new semi-double variety; deep rose. 20 cts. each; \$2.00 per dozen.

—**Prince Henry.** Large double, deep pink.

—**Lady Ardilaun.** Pure white.

—**Queen Charlotte.** Flowers semi-double, broad and perfectly formed, of that pleasing shade of pink found in La France Rose.

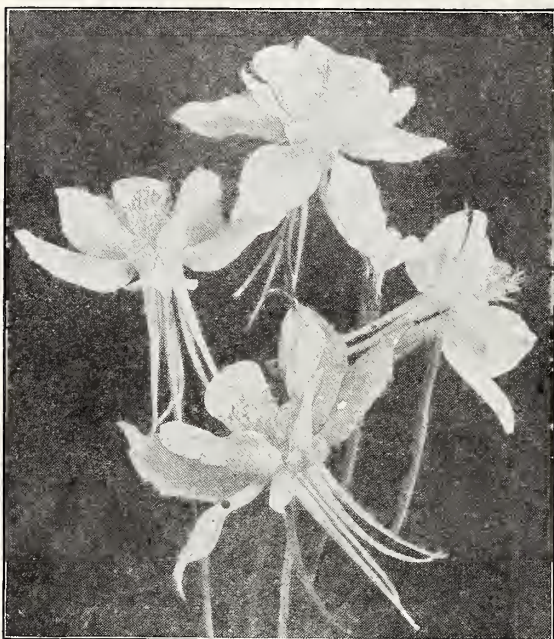
—**Rosea Superba.** Very free; delicate silvery rose.

—**Rose d'Autumn.** A beautiful shade of shell-pink; large single flowers in abundance.

—**Rubra.** Showy rose-color, yellow center.

—**Whirlwind.** Excellent double white flowers.

Anemones, except noted, 15 cts.; \$1.50 per doz.



Aquilegia or "Columbine"

AQUILEGIA (Columbine)

The distinct, clear-cut foliage and delicate arrangement of colors in the flowers of Columbine make it one of the showiest and most desirable of the hardy garden plants; especially suitable for rockwork, at the base of foundation walls and under trees. Bloom in early spring.

- Caerulea.** The dainty "Rocky Mountain Columbine," blue and white.
- Hybridum.** Very large flowered Hybrids in varied shades of the mother color.
- Canadensis.** Bright red and yellow.
- Chrysantha.** The "Golden Spur" Columbine.
- fl. pl.** Fine double yellow flowers.
- Grandiflora Alba.** Long spurred white.
- Skinneri.** Yellow, with long red spurs.
- Long Spurred Hybrids.** A fine English strain producing many distinct shades and combinations, running through purples, blue, red and yellow. These are particularly pleasing shades of color and attractive in form, a good sized planting making a most vivid display in spring.

All Aquilegias 15 cts.; \$1.50 per dozen.

Arabis Alpinus. (Rock Cress.) Lowgrowing plants especially suited to rockwork, flowering in small white terminal racemes. They commence to bloom in May and continue a long time. 15 cts.; \$1.50 per dozen.

Armeria. (Cushion Pink) Dwarf compact growing plants, grassy foliage evergreen, throwing up numberless spikes of little ball shaped flowers from spring till fall.

- Formosa.** Shades of pink. 9 inches.
- Alba.** Creamy white.
- Maritima Splendens.** Rosy pink. 14 inches.

All Armerias, 15 cts.; \$1.50 per dozen.

HARDY ASTERS

(Michaelmas Daisies)

Very useful and attractive—although neglected—family of perfectly hardy perennials, which is but recently coming into its own. Various additions to older lists, now give a wide range of selection as to height, blooming character, season and color.

Aster Alpinus Albus. Spring flowering, 8 to 10 inches high; particularly valuable in rockeries and low borders. White flowers in great abundance during May and June.

—**Acris.** Summer flowering, very rich with violet-blue flowers during July and August; 12 to 15 inches.

—**Beauty of Colwell.** One of the best; in its prime during September when the 3 to 4 foot, branchy plants are literally covered with semi-double flowers of Ageratum-blue. 20 cts.; \$2.00 per dozen.

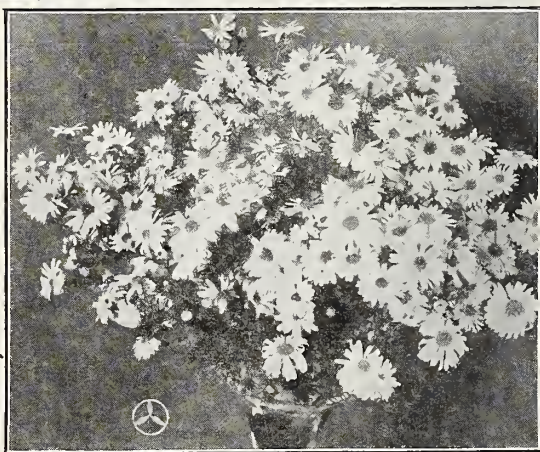
—**Feltham Blue.** Masses of aniline-blue flowers during August and September; on branchy plants 2½ feet high. 20 cts. each; \$2.00 per dozen.

—**Grandiflorus.** Dwarf growing and bushy, 2 to 2½ feet high, the latest to bloom and otherwise distinct. Its beautiful 2 inch, bluish violet flowers are freely borne during October and November; and their season and usefulness may be materially increased by lifting and bringing inside for association with the early Chrysanthemums. 25 cts. each; \$2.50 per dozen.

—**Laevis.** A splendid light blue variety. 4 feet.

—**Novae Angliae.** The famous old New England Aster. 4 to 5 feet tall, with a wonderful fall show of deep violet-blue flowers.

—**Rosea.** Bright rosy mauve.



Aster Climax

—**Novi Belgii Climax.** A new variety of remarkable attractiveness and beauty, standing 5 feet high with much branched, pyramidal clusters of light lavender blue flowers from August to mid-October. These flowers average 1¼ inches in width, and cover the upper half of plant.

—**Novi Belgii St. Egwin.** Plant is dense, bushy, about 30 inches high, with very ornamental fine cut, dark green foliage. Unlike most top blooming sorts, this variety blooms profusely clear up from the ground; delicate pastel pink. 20 cts. each; \$2.00 per dozen.

—**Mme. Soyneuse.** Dwarf; deep purple, with yellow center. 2½ feet.

—**Snowflake.** 18 inches; pure white.

—**Tartarica.** Bright purple; heavy stems and foliage. 5 feet.

—**Thos. S. Ware.** Delicate blue. 3 to 4 feet.

—**Top Sawyer.** Clear parma violet. 4 feet.

—**Trinervus.** Deep violet-purple, in bloom during October and November. 2½ feet.

—**White Queen.** Dwarf, good cutting sort; creamy white, with twisted petals. 2½ feet.

All Asters, except noted, 15 cts.; \$1.50 per dozen.

**Boltonia Latisquama****Centaurea Montana****Cerastium Tomentosum**

Baptisia Australis. (False Indigo.) Deep blue flowers in pretty racemes during June and July. 2 feet. 15 cts.; \$1.50 per dozen.

Bocconia Cordata. (Plume Poppy.) Six feet. Immense flat, deeply indented leaves of silvery green on paler stalks. Flowers creamy white, produced in large panicles. 15 cts. each; \$1.50 per dozen.

Boltonia Asteroides. (False Chamomile.) Bushy plants 5 feet high, with Aster-like white flowers. 15 cts. each; \$1.50 per dozen.

—**Latisquama.** Lavender pink flowers. Good cut-flower. 15 cts. each; \$1.50 per dozen.

Centaurea Montana. (Mountain Bluet.) Grows about 2 feet high, bearing large violet-blue flowers. July to Sept. 15 cts. each; \$1.50 per dozen.

Cerastium Tomentosum. ("Snow-in-Summer.") A low growing rockery or carpet plant, with silvery foliage and white flowers. 15 cts.; \$1.50 per dozen.

Clematis Recta. Handsome pure white flowers in large clusters during June and July; very showy and effective. 20 cts. each; \$2.00 per dozen.

Coreopsis Lanceolata Grandiflora. The perfected strain of a long popular hardy plant. Flowers are rich golden yellow, borne in great profusion nearly the entire summer. 15 cts. each; \$1.50 per dozen. \$8.50 per 100 by express.

Campanula. (Bell-flower)

Its various types are among the most beautiful perennials in cultivation, very free of bloom, and adapted to any garden soil.

—**Calycanthemum.** ("Cup and Saucer.") Hardest and most popular form of Canterbury Bells. Single cup-shaped flowers 3 inches long, set in saucer like calyx 3 to 4 inches across; entire flower of one color. Very productive. We offer three separate colors. **Blue, Rose, White.**

—**Carpatia.** (Carpathian Hare-Bell.) A pretty compact species, not exceeding eight inches high, one inch in diameter. **Blue or White.**

—**Media.** The well known "Canterbury Bells." Blooms in July, height 2 to 3 feet. **Blue, Rose or White.**

**Chimney Bellflower**

—**Pyramidalis.** (Chimney Bellflower.) Very conspicuous; 4 to 5 feet high. Salver shaped flowers borne profusely in September. **Blue or White.**

All Campanulas 15 cts.; \$1.50 per dozen.

Cassia Marilandica. (American Senna.) Blooms in large panicles of bright yellow, July to August. Beautiful pinnate foliage of brilliant Nile green, 4 feet. 15 cts.; \$1.50 per dozen.

**Canterbury Bells**



Shasta Daisy

Shasta Daisy.

A rigorously selected mixture of Burbank's new sorts Alaska, California and Westralia; giving us different forms and much larger flowers, ranging in shape from fully double to single; and in color, from pure white to pale lemon yellow—some solid, some prettily variegated with yellow discs. Plants are extremely productive of bloom, making as spectacular a field show and as profitable a cut flower supply as any Hardy Perennial grown. 15 cts.; \$1.50 per dozen. \$10.00 per 100 by express.

—**Burbank's Alaska.** Of superlative size and perfect formation; glistening pure white. 15 cts.; \$1.50 per dozen.



Sweet William

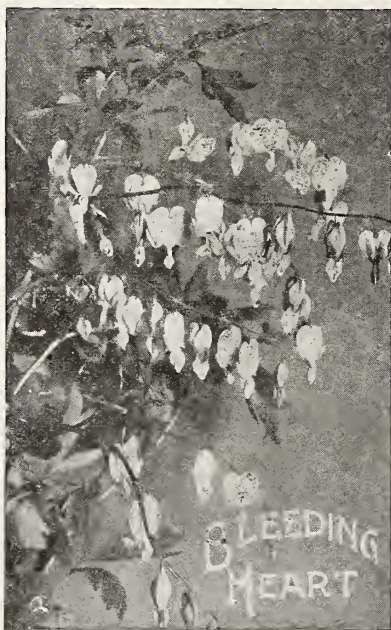
Delphinium. (Perennial Larkspur.)

Indispensable to the herbaceous garden. Their long, showy spikes of flowers persist from June till frost and furnish the most satisfactory blues to any color scheme. (See front cover.)

—**Belladonna.** A magnificent new sort, unrivalled for continuance of bloom, with large spikes of the most delicate turquoise-blue. July till frosts. 15 cts.; \$1.50 per dozen.

—**Formosum.** The old fashioned very dark blue variety. Three to four feet. 15 cts.; \$1.50 per dozen.

—**Gold Medal Hybrids.** Plants vigorous, free blooming, with flower spikes 2 feet long. Grand assortment of colors ranging from lightest blue to purple. 15 cts.; \$1.50 per dozen.



Delphinium

Dictamnus Fraxinella.

(Gas Plant.) An interesting plant of shrubby bushy growth. 2 to 3 feet high bearing early summer flowers; and emitting a pleasing fragrance.

—**Rubra.** Spikes of curious red flowers. 15 cts.; \$1.50 per dozen.

—**Alba.** White flowered. 20 cts.; \$2.00 per dozen.

Dianthus Barbatus.

(Sweet William.) Great richness and variety of coloring, beautifully marked. Offered in separate colors, crimson, white and pink. 15 cts.; \$1.50 per dozen.

Dicentra Spectabilis.

(Bleeding Heart.) One of the most delightful of all the early spring flowering plants, bearing numerous, rosy red, heart-shaped flowers in drooping racemes. Two feet. 20 cts.; \$2.00 per dozen.



Dictamnus Alba

**Digitalis—Foxglove**

Digitalis. (Fox Glove.) A tall growing, old-fashioned plant that furnishes a grand display of thimble shaped flowers in immense spikes during July and August.

—**Alba and Rosea.** 15 cts.; \$1.50 per dozen.

Euphorbia Corollata. (Flowering Spurge.) A branchy, low-growing plant with fine stems and foliage, literally covered from June to August with loose umbels of pretty white flowers. Good for cutting. 15 cts.; \$1.50 per dozen.

Eupatorium Ageratoides. (White Snakeroot.) Dense terminal heads of minute white flowers. 3 feet. 15 cts.; \$1.50 per dozen.

—**Coelestinum.** All-covering cymes of pretty blue Ageratum-like flowers. 2 feet. 15 cts.; \$1.50 doz.

Fragaria Indica. (Indian Strawberry.) A handsome trailing plant of the wild strawberry character, very useful as a basket trailer or rock plant. Small yellow flowers are succeeded by scarlet fruit. 15 cts.; \$1.50 per dozen.

FUNKIA Fortunei. Slenderly cordate leaves, with long racemes of pale lilac, funnel-shaped flowers. 20 cts.; \$2.00 per dozen.

—**Sieboldi.** Medium sized leaves tinted a strong metallic blue, with low set racemes of bluish white flowers. 20 cts.; \$2.00 per dozen.

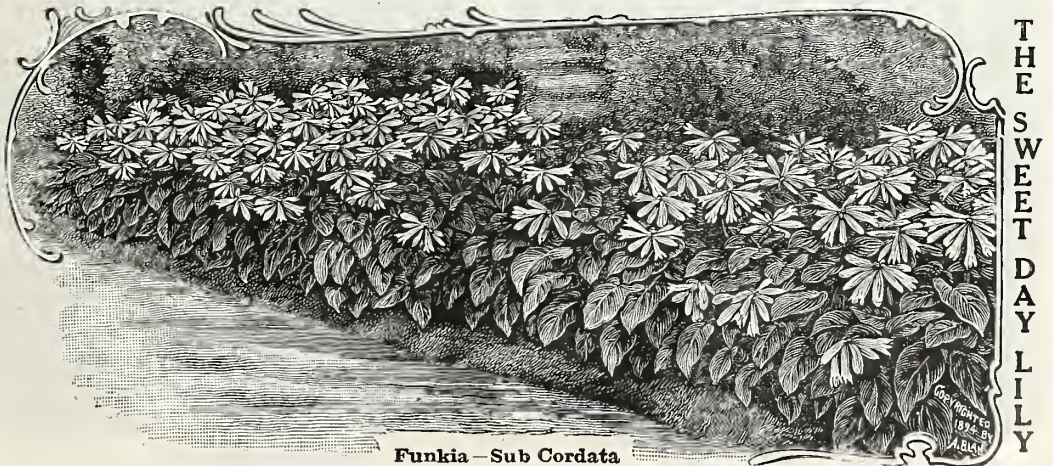
—**Sub-Cordata.** (Day Lily.) Wide circles of broad leaves. Flowers large, waxy white, borne in large trusses. Very fragrant. 15 cts.; \$1.50 per dozen.

—**Undulata Variegata.** Graceful leaves having a fluted white edge. 15 cts.; \$1.50 per dozen.

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Gaillardia Grandiflora Superba. (Blanket Flower.)

Makes one of the most gorgeous and prodigal displays of all perennials. Flowers often measure 3 inches in diameter, on clean, 2 feet stems. A hard center of deep maroon is thickly bordered by petals of orange and yellow, ringed by circles of crimson, red and maroon. 15 cts.; \$1.50 per dozen; \$8.00 per 100.

**Funkia—Sub Cordata**

HARDY GRASSES

Erianthus Ravennae. (Hardy Pampas.) Grows from 9 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. 15 cts.; \$1.50 per dozen.

—**Eulalia Gracillima Univittata.** (Japan Rush.) Narrow green leaves with a silvery white mid-rib perfectly hardy. 15 cts.; \$1.50 per dozen.

—**Japonica Variegata.** Long, narrow leaves, striped with green and white. 15 cts.; \$1.50 per dozen.

—**Japonica Zebrina.** (Zebra Grass.) Leaves crossed every two or three inches by a band of yellow half an inch wide. 15 cts.; \$1.50 per dozen.

—**Phalaris Arundinacea Variegata.** (Ribbon Grass.) Green leaves, striped lengthwise with creamy white. 15 cts.; \$1.50 per dozen.



Geum Mrs. Bradshaw

Geum Mrs. Bradshaw.

An intensely brilliant, pretty, useful border plant growing fifteen to eighteen inches high, commencing to bloom about the first of June and continuing in the greatest abundance most all summer. The flowers of this new variety are double and beautifully ruffled in appearance, have long firm stems and altogether furnish one of the richest scarlet flowers of the summer. 15 cts. each; \$1.50 per dozen.

Gypsophila Paniculata. (Baby's Breath.)

Very slender stemmed but bushy, 2 to 3 feet. Good for cutting as well as for borders. Flowers are minute but myriad, pure white, produced in immense fleecy panicles during Aug.-Sept. 15 cts. each; \$1.50 per dozen.



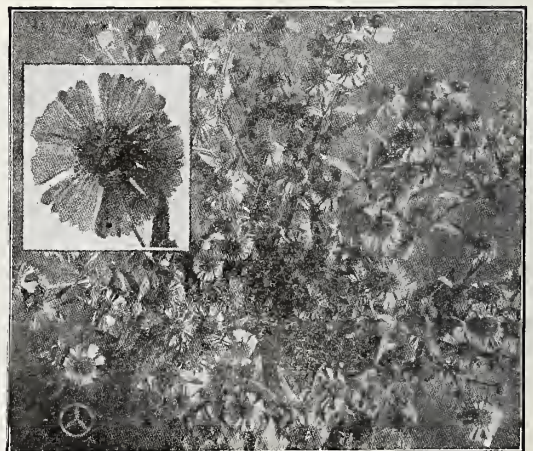
Gypsophila or "Baby's Breath"



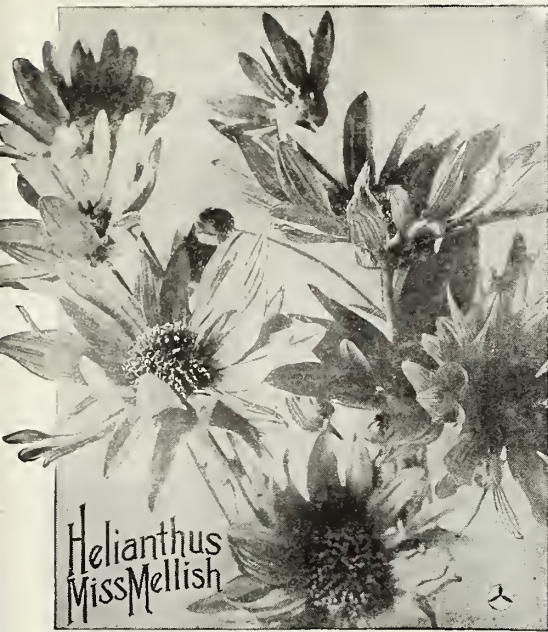
Hardy Zebra Grass

Helenium Autumnale Superbum. Good sized, golden yellow flowers during late summer and fall, the plant attaining about five to six feet. 15 cts.; \$1.50 per dozen.

—**Riverton Beauty.** Rich lemon-yellow flowers with large purplish black cone. Aug.-Sept. 4 feet. 15 cts.; \$1.50 per dozen.



Helenium Riverton Beauty



Helianthus. (Sunflowers.) Very profitable for summer cutting and massy display.

- Maximilliana.** Immense single flowers, rich golden yellow, center reddish brown. 5 to 7 feet.
- Miss Mellish.** A splendid new single variety, one of the best early varieties for cutting. Large wavy single flowers, very free; clear yellow. 20 cts.; \$2.00 per dozen.
- Mollis Grandiflorus.** Light lemon yellow, large single. Foliage quite hairy. 4 feet.
- Multiflorus Plenus.** Double yellow. 4 feet.
- Orgyalis.** Distinct character. The branching tops resplendent from September on, with an abundance of medium sized lemon yellow single flowers. 6 to 10 feet.
- Rigidus.** Of fine upright habit of growth. Flowers light yellow with maroon center. 3 feet.
- Soliel d'Or.** Clear yellow; closely resembling a Cactus Dahlia in shape and finish. 4 feet.
- Wolly Dod.** One of the best single sunflowers; good rich yellow. September.

Helianthus, except as noted, 15 cts.; \$1.50 per doz.

Helianti. —Very similar in growth, habit and prolific yellow bloom to Helianthus Rigidus, furnishing a prodigious number of 3 inch single flowers through August and September. Its roots are thick, short, numerous; very crisp and tender, available as a table food, used in the same way as Asparagus, Cauliflower or Potatoes, with a delightful flavor 10 cts. each; \$1.00 per dozen.

Heliopsis Zinniaeflora. A magnificent yellow garden flower superior to anything of its kind as a cutflower; and on account of its even, rounded growth and continuously profuse bloom, one of the choicest subjects for medium borders. Plants grow about 2 feet high, bearing long stemmed, double, Zinnia-like flowers two to three inches across, a beautiful shade of pure yellow. 15 cts. each; \$1.50 per dozen.

Helleborus Niger. (Christmas Rose.) Beautiful rose-like single flowers 2 to 3 inches wide; white or flushed with purple. They bloom luxuriantly during warm spells of winter, or very early in spring, or may be forced inside at will. They should be planted out doors in a rather moist and partially shaded location. 25 cts. each; \$2.50 per dozen.



Helianthus Multiflorus Plenus



Heliopsis Zinniaeflora

**Hemerocallis Flava**

HEMEROCALLIS. (Day Lilies.) Well known family resembling Lilies in character and bloom, usually sweet scented and bearing a great quantity of yellow flowers, during long periods of summer.

**Double Orange Lily**

Hemerocallis Aurantiaca. Grows 3 to 4 feet high and blooms freely during June and July. Flowers large, trumpet shaped; orange, with bright yellow stamens and reverse. 20 cts.; \$2.00 per dozen.

—**Flava.** (Lemon Lily.) Beautiful lemon colored flowers 3 to 4 inches in diameter, and delightfully fragrant. 3 feet. 15 cts.; 12 for \$1.50.

—**Kwanso fl. pl.** (Double Orange Lily.) Strong growing and long scasoned. Flowers semi-double, deep copper color with reddish spots. 15 cts.; \$1.50 per dozen.

—**Luteola.** A cross between Aurantiaca Major and Thunbergi, with fine large orange yellow flowers. 2½ feet. 20 cts. each; \$2.00 per dozen.

—**Middendorffii.** Dwarf growing with clusters of lily flowers five to six inches long; bright yellow. 15 cts. each; \$1.50 per dozen.

—**Sieboldi.** A fine upstanding variety with large flowers of light orange yellow, medium height. 15 cts. each; \$1.50 per dozen.

—**Thunbergi.** Funnel-shaped flowers of buttercup yellow in July. 4 feet. 15 cts.; \$1.50 per dozen.

**"Sweet Rocket"**

Hesperis Matronalis. (Sweet Rocket.) Stout, bushy plants 3 to 4 feet high, with showy terminal spikes of pink flowers during June and July. 15 cts. each; \$1.50 per dozen.

—**Alba.** Pure white flowers. Same price.

Heuchera Sanguinea. (Alum Root.) Grows about 2 feet high and throughout the summer throws up innumerable erect, slender flower stems, each crowned with a loose umbel of coral-red flowers. These make handsome bouquets, either entire or mingled with other kinds. 15 cts. each; \$1.50 per dozen.

Hibiscus Moscheutos. The fine old Swamp Rose Mallow. Large purplish pink flower with large dark eye. Four to five feet. 10 cts.; \$1.00 per dozen.

—**Crimson Eye.** Immense flowers of purest white, with large centers of velvety crimson. 10 cts.; \$1.00 per dozen.

New Giant

Of all recent improvements among perennials these new mammoth flowered strains of the common Marsh Mallow (*Hibiscus*) are perhaps the most striking and notable. The colors are wonderfully intensified, the size of flower (10 to 12 inches across) greatly expanded, the blooming season lengthened and the strength of growth increased. From being an ordinary hardy plant of mediocre quality suitable mainly for use in damp locations, these giants approach the dignity



Mallow Marvels.

of shrubs — often reaching 10 feet in height — and are so vividly showy in their bloom as to demand a place in every large planting. Singly, in groups by themselves, or mingled with shrubbery of any kind, and in any kind of soil, they are a delight to the eye and a satisfying subject wherever a tall, shrubby plant is required.

— **Red Marvels.** Shades of red. 25 cts.; \$3.00 per dozen.

— **Mixed.** 15 cts. each; \$1.50 per dozen.

Holly hocks.

King of the garden for tall backgrounds. Magnificent double flowers in separate colors: **Crimson, Yellow, White, Maroon, Pink and Black.** 15 cts.; \$1.50 per dozen.

— **Mammoth Fringed.** Extra large flowers; petals finely curled and fringed; colors shell-pink, rose and ruby-red. Entirely different from all other Hollyhocks. **Mixed.** 15 cts.; \$1.50 per dozen.

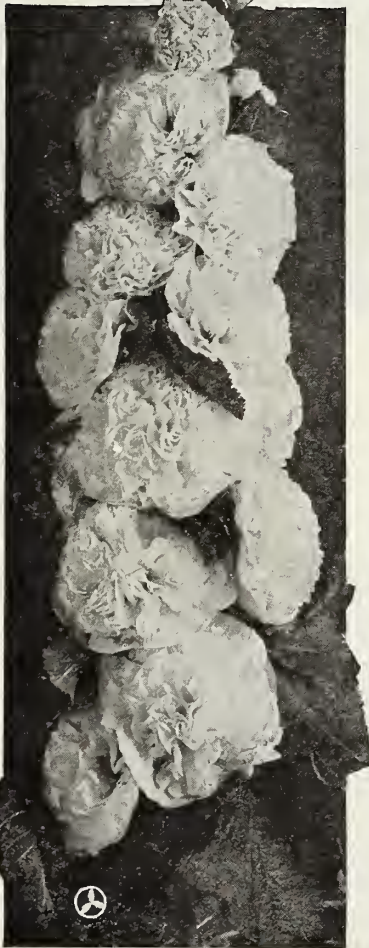


Hypericum
"Gold
Flowers"

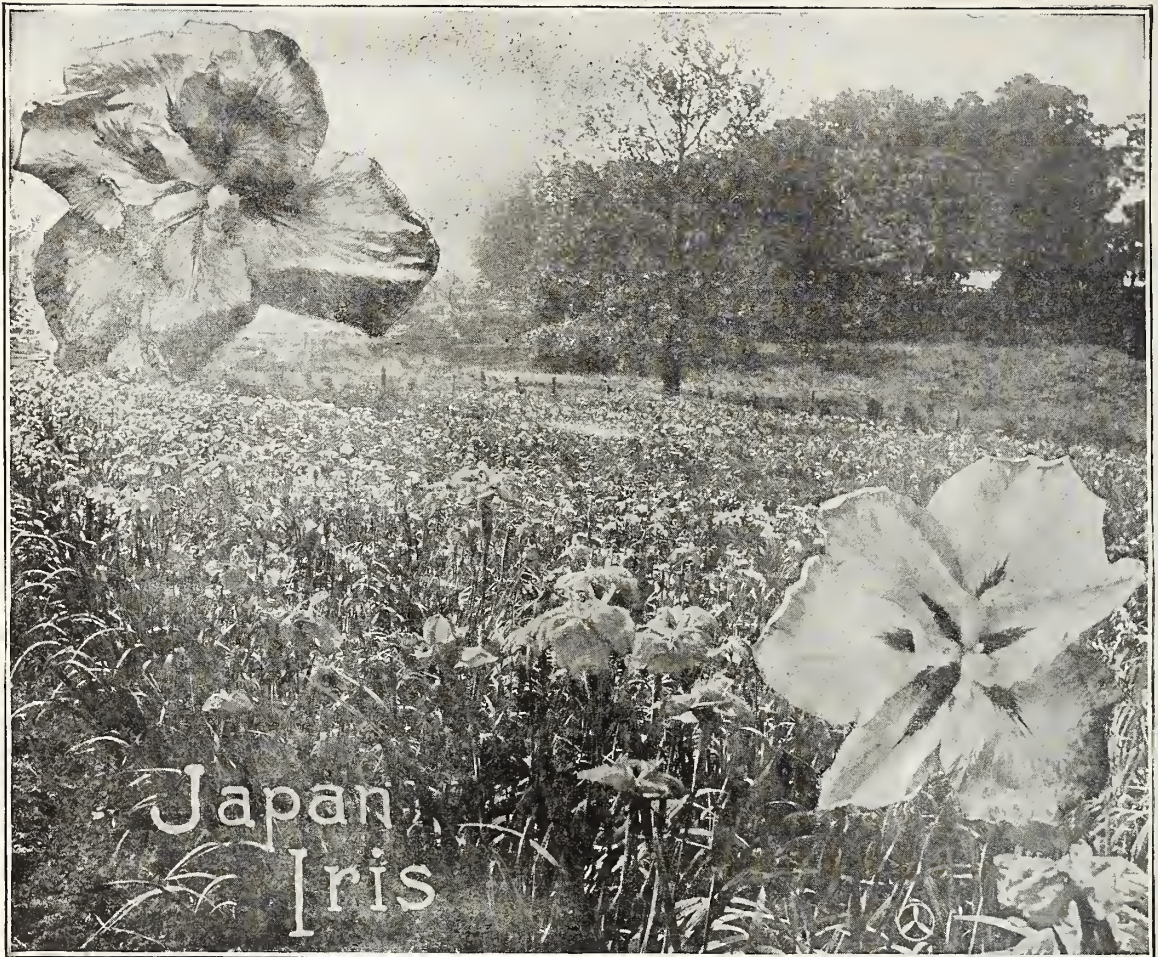
Hyacinthus Candicans. 20 to 30 white, pendant, bell-shaped flowers on stalks 3 to 4 feet high. Blooms early and till late fall. In general character similar to Yucca; but smaller, softer and more compact. 5 cts.; 12 for 40 cts.

Hypericum Moserianum. (Gold Flower.) Forms a shiny leaved bush 2 to 2½ feet high with slender, well branched stems, bright golden yellow flowers all summer. Would be classed as a dwarf shrub if top did not die down in winter. 15 cts.; \$1.50 per dozen.

Inula Grandiflora. (Flea Bane.) Bold, upright plants 3 to 4 feet high, quite showy in June with wide heads of orange-yellow flowers. 20 cts. each; \$2.00 per dozen.



Double Hollyhock



IRIS

Japan Iris. Like other Iris, the Japanese species are partial to moisture in the soil, but can get along with less than the Germanica type. They insist, however, upon thorough and frequent cultivation, giving recompense for extra labor, in extra bloom and added beauty. Their flowers are generally rather flat and wide, often measuring 10 to 12 inches across, appearing (note numbers) in great profusion during June and July after the Germans are through.

The following varieties are numbered and arranged according to their relative blooming season; the entire collection providing a long succession.

Gekka-no-nami. (Waves under Moonlight.) (1). Earliest to bloom, and the choicest white; very free. Glistening white with creamy white stigmas.

Kumo-no-obi. (Band of Cloud.) (2). The lower and upper petals being nearly equal in size, make a very full flower and a solid blotch of color. Bright, clear purple, with distinct rays and halo of white surrounding the golden throat, the pure white standards tipped purple.

Zama-No-Mori. (3). Only three-petaled, but larger than a majority of varieties; one of the daintiest and most delightful of the delicate toned kinds. White, with a heavy azure blue zone; short white standards margined blue. 25 cts. each; \$2.50 per dozen.

Purple and Gold. (4). Enormous double flowers often ten inches across, early and free blooming; one of the very best varieties. Color, rich violet-purple with white petaloids tipped violet. The conspicuous golden throat extends outward in sharp bluish white rays.

Gold Bound. (5). A fine double pure white, with gold banded center.

Uchiu. (Universe.) (6). Beautiful, six-petaled flowers of largest size, on the longest stems. Color, cerulean blue with golden center and white halo from which radiate many clear white lines. Standards white, tipped blue. This variety covers the longest blooming season and is altogether one of the most attractive. 25 cts. each; \$2.50 per dozen.

Iso-no-Nami. (Shallow Waves.) (7). A magnificent broad petaled variety; one of the largest flowered, and the latest to bloom. Color a nebulated suffusion of rose and cerulean blue over white; deepening towards the gold flushed center of rosy lilac. 25 cts. each; \$2.50 per dozen.

Unless noted, 20 cts. each; \$2.00 per dozen; set of 7 for \$1.25. By express, \$1.50 per dozen; \$10.00 per 100.

GERMAN IRIS. (*Iris Germanica*). The "Fleur de Lis" of France, and well-beloved favorite in every old-time garden. Although capable of establishment in any kind of soil, they will attain greater perfection of growth and flowering in a damp or marshy situation. The exquisite haunting fragrance and delicacy of tinting in their flowers, makes their spring advent a source of keenest pleasure; and their departure—all too soon—an equally keen regret.

Candicans. Soft, light-blue.

Celeste. Falls bright blue, uppers delicate grayish blue; all having a lavender effect.

Darius. One of the most distinct and beautiful; standards rich canary yellow, falls lilac margined white, with orange beard.

Edith. Standards light blue, falls purple.

Florentina Alba. Sweet scented, free flowering white.

Fulda. Satiny white; lower petals lilac, feathered yellow.

Her Majesty. Standard old rose, falls white striped rosy lilac; very large flower. 20 cts.; \$2.00 per dozen.

Honorabilis. Yellow uppers, falls rich mahogany brown.

Innocence. Pure white, penciled purple and orange. 20 cts. each; \$2.00 per dozen.

Johan De Witt. Standards bluish violet; falls deep violet purple veined with white.

Jordan. Both standards and falls, light mauve.

Mad. Chereau. White, elegantly frilled, with a wide border of clear blue; one of the most charming sorts.

Mad. Pacquette. A beautiful variety all over rosy claret. 20 cts. each; \$2.00 per dozen.

Midnight. Tall growing; with large, stately heads of deepest purple. 35 cts. each; \$3.50 per dozen.

Mrs. H. Darwin. Satiny white, veined and penciled crimson.

Mrs. Neubronner. One of the finest of the newer yellow varieties; deep golden yellow. 25 cts. each; \$2.50 per dozen.

Othello. Has the charm of strong contrast in colors that nicely harmonize; falls dark, velvety purple, standard light blue.

Pallida Dalmatica. A rare, delightful variety, especially fine for massing as well as for cutting. Tall growing; with very large full-formed flowers of soft lavender, the falls being of deeper hue. 25 cts.; \$2.50 per dozen.

Pallida Mandraliscae. Magnificent flowers on tall, rigid stems; rich lavender purple. 20 cts. each; \$2.00 per dozen.



Pallida Perfecta. Strong growing as the type, with splendid flowers of rosy violet, with orange beard. 20 cts. each; \$2.00 per dozen.

Parisensis. Large, deep purple, delicately penciled white.

Queen of May. Very dainty and effective; soft rose-lilac, almost pink.

Plicata. Entire flower a velvety violet-purple.

Unless noted, 15 cts. each; \$1.50 per dozen. By express, \$8.00 per 100.

INTERMEDIATE IRIS. Handsome, new, large flowered, medium growing hybrids resultant from crossing the tall bearded Germans with the various Crimean hybrids. These are vigorous; hardy and free flowering, blooming in May just ahead of the taller Germanica class.

Helge. Lemon yellow with pearl shadings.

Ingeborg. Pure white.

Walhalla. Standards lavender, falls wine-red. 20 cts. each; \$2.00 per dozen.

MISCELLANEOUS IRIS. **Sibirica.** A useful late cutting sort, bearing quantities of purplish blue flowers on slender scapes 3 feet high. 15 cts.; \$1.25 per dozen.

Snow Queen. A snow white variety of the Sibirica species. 15 cts.; \$1.25 per dozen.

Lavandula Vera. (Sweet Lavender) Delightfully fragrant blue flowers in July and August. 18 inches. 15 cts.; \$1.50 per dozen.



Our Nursery Field of "Fleur de Lis"

LILIES

There is no garden flower of greater charm and refinement than the Lily. Its many distinct varieties cover the entire range of colors, with exquisite markings and perfume. Their blooming periods vary from May until November; so that one may select a succession covering the entire year.



Gold Banded Lily—Auratum

Auratum. (Gold-banded Japan Lily.) Considered by many the finest of all hardy Lilies. Flowers very large, made up of broad white petals, thickly studded crimson maroon with a bright golden band through the center of each petal. As the bulbs acquire age and strength, the flowers attain their maximum size and number. Stalks from good sized bulbs frequently have from 12 to 15 flowers. 20 cts. each; \$2.00 dozen.

Mammoth bulbs, 30 cts. each; \$2.75 per dozen.

Batemanniae. (Turk's Cap.) Bright apricot tinted flowers; blooms in July. 20 cts.; \$1.75 per dozen; \$10.00 per 100.

Elegans Atrosanguineum. One of the earliest flowering Lilies; deep, rich crimson with dark spots. 15 cts. each; \$1.50 per dozen.

Elegans Incomparable. Deep ox-blood crimson, slightly spotted with black; the richest red found among Lilies. 12 cts. each; \$1.25 per dozen.

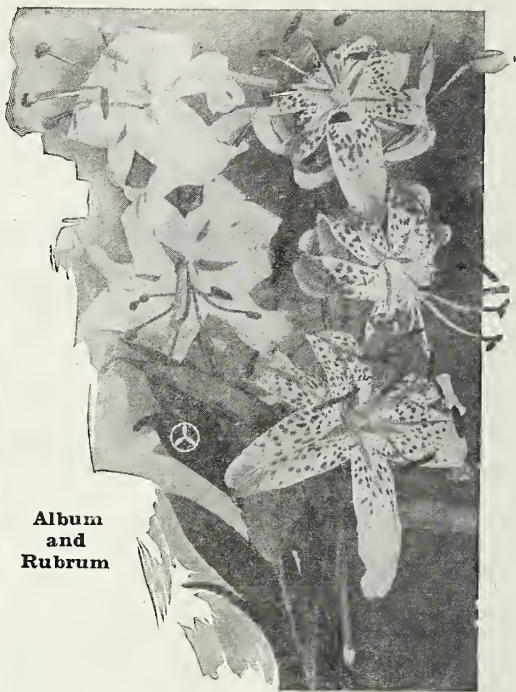
Henryi. (Yellow Speciosum.) One of the finest hardy Lilies, of strong, vigorous growth, with flower stalks 3 to 5 feet long; deep apricot-yellow, lightly spotted brown. 45 cts. each; \$4.50 per dozen.

Krameri. Beautiful trumpet-shaped flowers exceedingly fragrant; blush pink. 20 cts. each; \$2.00 dozen.

Longiflorum Giganteum. A well-known beautiful variety, with snow-white trumpet-shaped flowers that are very fragrant. It is quite hardy and blooms freely in the open ground in June and July. Is also used largely for forcing for the Easter holidays; the flowers have more substance and last longer than the Bermuda Lily. First-class, 15 cts. each; \$1.50 per dozen; Extra size, 20 cts. each; \$2.00 per dozen.

Pardalinum. (Leopard Lily.) A robust and free flowering sort; brilliant scarlet and yellow, spotted with brown. 15 cts. each; \$1.50 per dozen.

Rubellum. Very dwarf and compact, seldom more than one foot high; very pretty as a dwarf bedder, and does well as a pot plant (3 bulbs to a 5 inch pot). It blooms early and liberally, with charming rose pink flowers about 3 inches long. 20 cts.; \$2.00 dozen.



**Album
and
Rubrum**

Speciosum Album. Very fragrant large flowers, pure white with a green band running through the center of each petal. One of the best. 20 cts. each; \$2.00 dozen.

Speciosum Melpomene. Large deep crimson, heavily spotted. 20 cts. each; \$2.00 per dozen.

Speciosum Rubrum. White beautifully spotted red; flowers in August. 20 cts. each; \$2.00 per dozen.

Tigrinum Splendens (Tiger Lily). Single flowers of orange, spotted black. 2 to 5 feet. 15 cts. each; \$1.50 per dozen.

Tigrinum, fl. pl. (Double Tiger Lily). Bright orange scarlet with dark spots, a strong growing, showy variety, and entirely hardy. Succeeds well everywhere. 15 cts.; \$1.25 per dozen.

Umbellatum Grandiflorum. Tall growing, upright, beautiful bell-shaped flowers of coppery orange, sometimes slightly spotted. 15 cts. each; \$1.50 per dozen.

Lilies by express: deduct 30 cts. per dozen.

Lily of the Valley. The Lily of the Valley will thrive and throw up its beautiful, modest, fragrant white bells in any kind of soil. Will also adapt itself to pot culture in winter.

—**Holland Pips.** 5 cts. each; 30 cts. doz.; \$2.00 per 100.

—**Strong Clumps.** Well established clumps, just the thing for those who have longed for a show of Lily of the Valley. Will make a grand display of bloom and more than pay for extra cost over ordinary pips. By express or freight only. 25 cts. each; \$2.50 per doz.

Lobelia Cardinalis. (Cardinal Flower.) Intense cardinal-red flowers arranged in stocky spikes 15 to 18 inches long, keep the plant aflame throughout August and September. 15 cts.; \$1.50 per dozen.

—**Syphilitica.** Flowers of deep blue. 15 cts.; \$1.50 per dozen.

Lychnis Chalcedonica. (Maltese Cross.) Heart-lobed stars of brightest vermillion, arranged in large flat panicles. 15 cts.; \$1.50 per dozen.

—**Haageana.** Extremely brilliant and showy orange scarlet, individual flowers 1½ to 2 inches wide. 1 foot. 15 cts. each; \$1.50 per dozen.

—**Sieboldi.** Attractive, large white flowers. 15 cts. each; \$1.50 per dozen.

Lythrum. These beautiful perennials are not used as much as they should be. The plants are habitually dense, rounded bushes 3 to 4 feet high, with flower spikes covered along at least the upper half, and are at all times very showy. They will do well in moist location.

—**Roseum Superbum.** (Rose Loose Strife.) Large compact spikes of deep rose colored flowers from June to September. 15 cts.; \$1.50 per doz.

—**Brightness.** (New.) Intensely brilliant rose; its long spikes very full and showy. 25 cts. each; \$2.50 per dozen.

—**Rose Queen.** (Virgatum.) A fine new sort of compact habit, prodigal bloom, and rich rose color. 25 cts. each; \$2.50 per dozen.

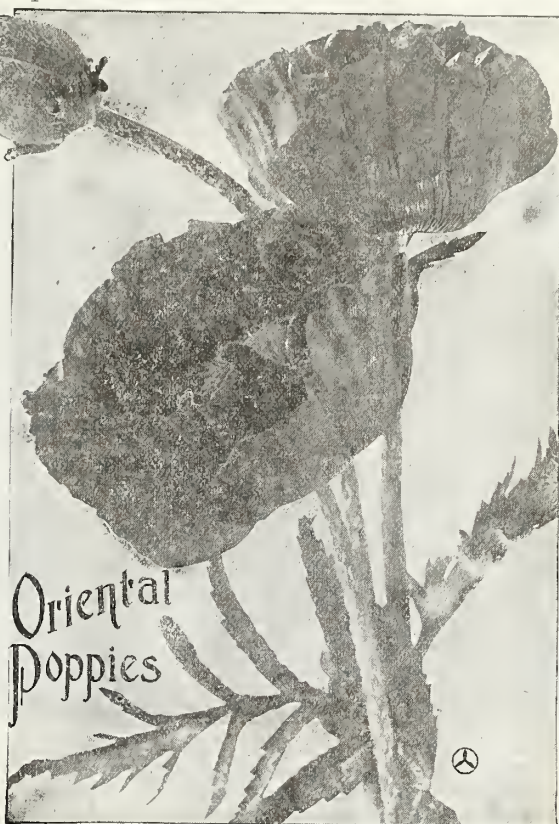
—**Perryi.** An improved type of dwarfer, bushier growth, with vivid spikes of larger flowers whose freshness outlasts the older form. 20 cts.; \$2.00 per dozen.

Monarda Didyma. (Var. Cambridge Scarlet.) A bushy, coarse-leaved plant, growing about 2 feet high; covered with round, full heads of red flowers with a petalage similar to the Cactus Dahlias. Known as "Bergamot," "Oswego Tea," "Mint," etc., on account of the delicious fragrance of their leaves when crushed. 15 cts.; \$1.50 per dozen.

Myosotis Palustris. The true "Forget-Me-Not," appealing in its modest, azure beauty and cherished for its sentiment. Blooms profusely during early summer. 15 cts. each; \$1.50 per dozen.

Oenothera Missouriensis. (Evening Primrose.) A low spreading plant particularly good for rockeries. Golden yellow flowers 2 to 3 inches across are thickly set among long, curly, silver-edged leaves. 1 foot. 15 cts.; \$1.50 per dozen.

—**Youngi.** Very branchy, with dense glaucous green foliage; flowers lemon-yellow, borne in clusters. 2 feet. 15 cts.; \$1.50 per dozen.



PAPAYER. (Hardy Poppies.) Among the most welcome flowers that glorify the early spring and summer are the big, glowing, nodding Poppies. Although their blooming season is short, their foliage is attractive all summer.

—**Oriental.** The brilliant "Oriental Poppy," with immense, flaming flowers of orange-scarlet. These impressive color-blotches are supreme among the prevailing greens of early spring. 15 cts.; \$1.50 doz.

—**Nudicaule.** The "Iceland Poppies" bloom with extravagant freedom during the early summer, and in lesser degree throughout; two inch saucer shaped flowers, on slender stems, making delightful bouquets, as well as a vivid garden show. Very distinct, bright colors, offered separately in **Yellow, Scarlet and White.** 15 cts.; \$1.50 per dozen.

PENTSTEMON Barbatius Torreyi. (Scarlet Beard Tongue.) Close set spikes of small, brilliant, scarlet flowers on slender, nodding, 3 to 5 feet stems. July and August. 15 cts.; \$1.50 per dozen.

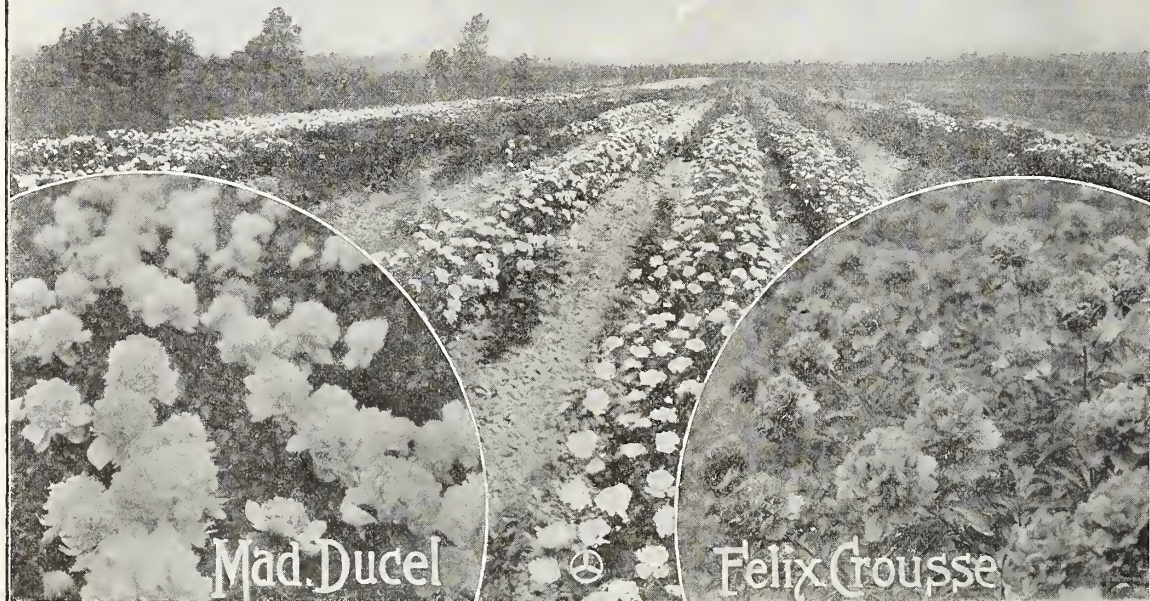


Iceland Poppy

Pachysandra Terminalis. One of the best ground covering plants, averaging 6 to 8 inches in height and branching freely into a dense mat. Its shapely, indented foliage is practically evergreen; thick, rubbery, lustrous dark green. It bears small spikes of light colored flowers during May and June, and is in all respects very desirable. 15 cts. each; \$1.50 per dozen. By express, \$10.00 per 100.



S. H. Co. Peonies



BETWEEN the magnificent Rhododendron and the lovely June Rose, comes the Peony. It is used in the same way and in conjunction with its two stately rivals, to continue a bold color display from May to July. While in close harmony with the others, the Peony is more lavish in its bloom and makes the most pretentious show; besides which, it is hardier than either and more easily cultivated. Modern culture has developed many superb varieties, with flowers beautifully moulded and expressing the most delicate tints as well as the most intense colors. Their cut blooms are very lasting, and in most cases are exquisitely scented. **Plant Peonies as early in spring as possible.** Plant in deep, rich, well-prepared soil, covering the buds but an inch or two. Do not expect too much of them the first year, as they are a little slow in establishing themselves.

Achillea. Delicate bluish white.

Agida. Medium sized, double, midseason; the most nearly scarlet of any red Peony.

Albert Crousse. All over pure shell pink, edged creamy white; large, very full and compact and rather high built. Blooms profusely among the later sorts and is altogether one of the choicest varieties listed. 75 cts.; \$9.00 per dozen.

Alexander Dumas. Very large rounded flowers of coral pink, center suffused salmon. Very free and showy. 35 cts.; \$3.50 per dozen.

Avalanche. (Albatre.) Large substantial blooms of ivory white, occasionally streaked or margined with red. 75 cts.; \$7.00 per dozen.

Baroness Schroeder. Magnificent in form and delicate tinting. Graduates from baby pink toned heliotrope and cream, to purest white. \$1.50 each.

Berlioz. Reverse of petals, and thus the buds, are dull rose color; but open up into broad, full flowers of the deepest crimson. Very free.

Canariensis. Flesh white, with rich canary center.

Couronne d'Or. One of the best late whites. Flowers large and broad, richly illumined by its visible collars of golden stamens. 35 cts.; \$3.50 per dozen.

Dr. Bretonneau. Good sized flowers, pale rose-lilac, flecked and tipped white. Fragrant, free and a good keeper.

Dorchester. (Richardson.) Pink. One of the latest to bloom. Decidedly dwarf, compact grower; flower very full and double, in color about the shade of La France Rose. 50 cts.; \$4.50 per dozen.

Duchess de Nemours. Large and full; the most nearly pure white. 35 cts. each; \$3.50 per dozen.

Duchess de Orleans. Large rose shaped flowers with spreading guards of rosy lake; incurving center of salmon, mottled rose.

Duke of Wellington. Large cones of creamy white; bluish guards. 35 cts. each; \$3.50 per dozen.

Eugene Verdier. An excellent cutting sort, with broad full flowers without noticeable guard petals. White, evenly suffused shell-pink; the petaloids near center widely margined and suffused carmine. Late. 60 cts.; \$6.00 per dozen.

Felix Crousse. Late. Large, round heads perfectly double; deep crimson marked with cardinal at base of petals. 60 cts.; \$6.00 per dozen.

Festiva Maxima. About the largest and undoubtedly the most popular Peony of them all. High built flowers borne on long stiff stems, the purest white, inner petals slightly tipped carmine. Early. 35 cts.; \$3.50 per dozen.

Formosa Rosea. Striking two color type with very wide, distinct guards of deep magenta, and narrow petaled center of salmon rose.

Hercules. (Virginie.) A magnificent bedder—foliage concealed by bloom. Loose globular heads open out to Anemone shape, 8 inches across. Variegated; from bright rose to bluish white, with thick collar and center of deepest yellow. 35 cts.; \$3.50 per dozen.

Humei. Pure, bright, deep rose; vigorous grower one of the best late blooming varieties.

Jeanne d'Arc. A choice variety notable for its exquisite perfume and other cutting qualities. Immense guards of pale lilac-pink, with full tufted center of sulphur white. 35 cts.; \$3.50 per dozen.

Isabelle Karlitzky. Large, light rose pink.

Lady Leonora Bramwell. Silvery rose.

La Tulipe. A good sized white sort, with long and wide petals, occasionally blotched and outside of base streaked with carmine. 60 cts.; \$6.00 per dozen.

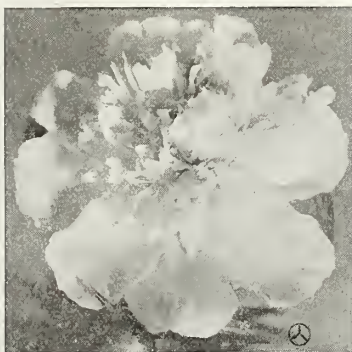
L'Eclatant. Broad full flower, purplish-crimson; a very free bloomer.

L'Esperance. Deep rose with crinkly, white tips; extra large and fine; the earliest large pink.

L'Indispensable. Remarkably large, round, loose, multi-petaled heads; bright carmine lake with silver margins. 50 cts.; \$5.00 per dozen.

Mad. Breon. Large clustered heads, flesh pink and cream.

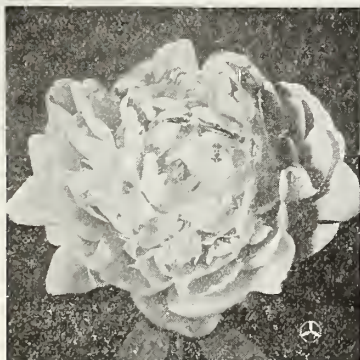
Mad. Calot. Large flesh pink shaded with shell pink. 50 cts. \$5.00 per dozen.



Jeanne d'Arc

Mad. de Galhau. A pretty mixture of shell pink and creamy white, high built and tufted. 60 cts.; \$6.00 per doz.

Mad. de Verneville. Medium sized, globular flower, petals crinkly and semi-transparent. Creamy white throughout, flaked purple at center. 50 cts. each; \$5.00 per dozen.



La Tulipe

Mad. Ducel. One of the choicest varieties for cutting, both as to form and color. Shaped like the high-built Chrysanthemums, and colored evenly a warm, true pink, its beauty is irresistible. 75 cts.; \$8.00 per dozen.

Mad. Emile Galle. Late blooming; one of the daintiest and most delicate, yet full of substance. Shell shaped petals of blush, waxy white at base; center a warm shell pink. The half opened buds are exquisite in form and tinting. 50 cts. each; \$5.00 per dozen.

Mad. Forel. Immense rose type; deep, shining pink with silver reflex. Mid-season. 50 cts.; \$5.00 per dozen.

Mad. Geissler. Very double, globular, imbricated, massive; bright glossy pink.

Mad. Lebon. Valuable late red. Flowers ball-shape, very rich cherry-rose.

Marguerite Gerard. Magnificent, broad, thick heads of Hydrangea pink, marbled on creamy white, and further enriched by collars of golden anthers. 60 cts.; \$6.00 per dozen.

Marie Lemoine. (Calot.) Dwarf, extra late, and very scarce. White, faintly tinged chamois. A lovely bouquet companion for Mad. Emile Galle. 35 cts.; \$3.50 per dozen.



Mad. de Verneville

Marshal McMahon. (Lee's Rubra Grandiflora.) Late blooming, large double flowered red. 35 cts.; \$3.50 per dozen.

Mary Stuart. Blush, bleaching to pure white.

Meissonier. Deep velvety cardinal, violet tipped. Flowers large and high built, with twisted and imbricated petals. 50 cts.; \$5.00 per dozen.

Model of Perfection. Very large, broad flowers of wondrous beauty and attractiveness; violet-rose tipped silvery pink. 35 cts.; \$3.50 per dozen.

Modeste Guerin. Brilliant carmine-rose, with a high quilled center of rosy-pink, fading to salmon.

M. Boucharlat Aine. Color distinct from all others; bright carmine pink, with crinkly tips of silvery white. Immense loose, rounded heads borne in profusion. 50 cts.; \$5.00 per dozen.

Mons. Chas. Leveque. Very soft salmon-pink, changing to blush white. Blooms habitually in broad clusters and makes a fine bedder. 50 cts. each; \$5.00 per dozen.

Mons. Jules Elie. The peerless pure pink. Broad reflexing guards with a high pyramidal body of semi-quilled petals converging to an apex. One of the largest, handsomest and most lasting cutting sorts in existence. 75 cts. each; \$7.50 per dozen.

Officinalis Mutabilis. Pretty buds and very soft glossy pink fading to white. Early.

Officinalis Rubra fl. pl. Rich deep crimson; the great Decoration Day Peony.

Officinalis Rosea Superba. Earliest pink. 35 cts.; \$3.50 per dozen.

Pres. Roosevelt. Deep, dark red, fully double; very late. 50 cts. each; \$5.00 per dozen.

Princess Mathilde. Fine, large, rose-pink.

Queen Victoria. The broad guard petals are a pretty blush-white; center slightly edged pink. Large.



Officinalis Rubra

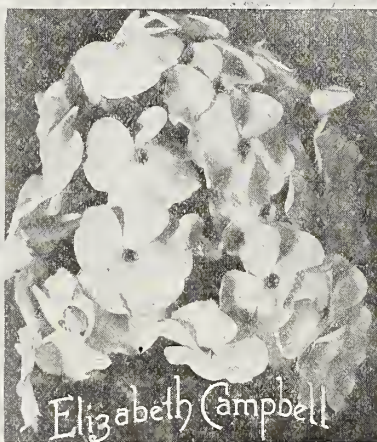
Richardson's Perfection. Large flowers; light flesh with white center. 75 cts. each; \$7.50 per dozen.

Richardson's Rubra Superba. Very tall and strong, with long stiff stems and elegant dark red flowers. 50 cts.; \$5.00 per dozen.

Rosea Plenissima Superba. A superior double full centered sort; bright crimson rose.

Souv. de Exposition Universelle. Very large, flat rose type. Violet rose tipped silver, with silvery reflex. Vigorous in growth and free blooming. Late.

Peonies, except as noted, 25 cts. each; \$2.50 per dozen. By express, \$18.00 per 100.



HARDY PHLOX

No class of hardy plants is more desirable than the Perennial Phloxes. They will thrive in any position and can be used to advantage for any purpose.

We offer a select list of strong **field grown roots**.

Athis. Tall; bright salmon-pink, violet eye.

Braga. Mauve-rose suffused salmon; large white eye. 20 cts.; \$2.00 per dozen.

Bridesmaid. White, crimson eye; fine truss.

Caran d'Ache. Geranium red, with old rose shadings and sharply defined white eye.

Coquelicot. Short, bushy growth, very free and continuous bloom; fiery orange scarlet.

Edmond Rostand. Reddish violet, with distinct star-shaped white center.

Eiffel Tower A beautiful tall growing, stately variety with perfect trusses; warm flesh pink enriched by a crimson eye. 20 cts. each; \$2.00 per dozen.

Elizabeth Campbell. Salmon pink; dark crimson eye. 25 cts. each; \$2.50 per dozen.

Frau Anton Buchner. Dwarf, large flowered white.

Le Mahdi. Deep reddish violet. Early.

Mad. P. Langier. Brilliant crimson. This is one of the richest colored and most striking red Phloxes known; for years our best seller.

Miss Lingard. Longest spikes of any Phlox—blossoms from the ground up. Waxy white, lavender eye.

Mrs. Wm. Jenkins. An early and free bloomer, one of the best tall varieties. Flowers large, pure white.

Obergartner Wittig. Bright magenta with light halo and crimson eye.

Pantheon. The peerless pink. Extra large, always flat flowers of salmon rose.

Peach Blossom. Dwarf; soft shell-pink with a lighter eye, very dainty.

Prof. Virchow. Bright carmine, overlaid with brilliant orange-scarlet. 20 cts. each; \$2.00 per dozen.

Rheinlander. A new variety of great beauty; a rare shade of salmon-pink, intensified by a distinct claret-red eye. Flowers and truss of unusual size. 20 cts. each; \$2.00 per dozen.

Richard Wallace. Violet-eyed, white.

Rosenberg. Extremely large florets and truss; bright reddish violet, with blood-red eye.

R. P. Struthers. Rosy carmine with claret-red eye.

Ryndstrom. Color a lively shade of rose-pink, much like Paul Neyron Rose; flowers very large.

Siebold. Strong grower; vivid orangescarlet. 20 cts. each; \$2.00 per dozen.

Sunshine. Aniline red, with crimson eye and light halo.

Thor. A charming shade of deep salmon-pink suffused and overlaid with a glow of scarlet.

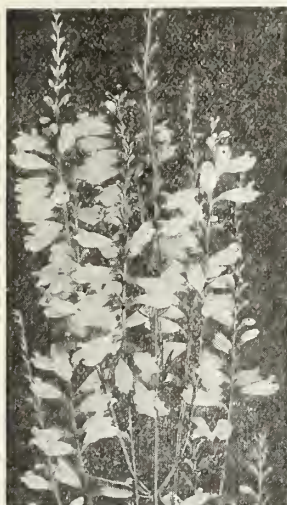
The eye of aniline red centers a most attractive aureole nearly pure white. 20 cts.; \$2.00 per dozen.

White Lady. A beautiful pure white variety.

Unless noted, 15 cts. each; \$1.50 per dozen.

Phlox Subulata. Creeping Phlox or "Moss Pink." Beautiful ground covering plants with low spreading stems and narrow moss-like leaves. Often used for covering graves, surrounding old stumps, and even large growing trees.

—**Rosea.** Flowers purplish-pink. 15 cts.; \$1.50 per doz.

**Physostegia**

Physostegia. (False Dragon Head.) Handsome mid-summer flowering plants. 3 to 4 feet high; bearing broad, dense spikes of tubular flowers of delicate, but conspicuous beauty.

—**Speciosa Alba.** Pure white. 15 cts.; \$1.50 per dozen.

—**Virginica.** Rosy purple. 15 cts.; \$1.50 per dozen.

Platycodon Grandiflorum. (Balloon Flower) Blooms constantly from July until late in September; flowers large bell-shaped, of a deep shade of blue. An extremely rapid grower, making a dense branching bush two to three feet high. 10 cts.; \$1.00 per dozen.



—**Album.** White bells. 10 cts.; \$1.00 per dozen.

—**Mariessi.** Identical with Grandiflorum except that this is dwarf growing, and blooms earlier. 10 cts.; \$1.00 per dozen.

Plumbago Larpetae. (Leadwort.) An attractive edging plant of evenly rounded and dense growth, about 12 inches high. The tiny leaves of apple green are a rich setting for spikey red buds and clusters of cobalt blue flowers. August till frost. 15 cts.; \$1.50 per dozen.

Primula Veris. The true "English Primrose," with fine clusters of very fragrant, light yellow blossoms. One of the delightful garden products of spring and early summer. 15 cts.



Pyrethrum Roseum. Foliage fine cut and attractive, flowers borne profusely on long straight stems, colored in all shades of rose. A splendid cut-flower and conspicuous in the garden. 15 cts.; \$1.50 per dozen.

Rudbeckia "Golden Glow." Grows 5 to 7 feet and blooms from early summer until frost. Flowers resemble golden-yellow Cactus Dahlias. 10 cts.; \$1.00 per dozen.

—**Maxima.** A handsome variety growing five feet tall, with broad glaucous green foliage, and an abundance of flowers from June till September. Showy single flowers 5 to 6 inches across, bright yellow with a black cone 2 inches high. 15 cts.; \$1.50 per dozen.

—**Newmani.** Grows 1½ to 2 feet; plentifully supplied with broad single flowers of orange-yellow, with a prominent brown cone. 15 cts.; \$1.50 per dozen.

—**Purpurea.** (Purple Cone-Flower.) Large drooping petals colored reddish purple, with a remarkably large cone-shaped center of brown, thickly set with golden tips in spiral lines. 2 to 3 feet. 15 cts.; \$1.50 per dozen.

Holt's Mammoth Sage. Although quite attractive as an ornamental plant, with its gray-green wrinkled foliage and spikes of pale blue flowers, this Sage is cultivated for the culinary flavor and medicinal virtues of its leaves. This new variety is especially prolific, strong flavored and upright in growth. 15 cts. each; \$1.50 per doz.

**"Purple Cone Flower"**

**Sedum Spectabilis**

Salvia Azurea Grandiflora. (Meadow Sage.) A Rocky Mountain species of Salvia, very pretty in August and September with its profusion of sky-blue flowers. Two to three feet. 20 cts. each; \$2.00 per dozen.

—**Pitcheri.** A splendid 3 to 4 foot border plant, well branched and bushy; bearing in great profusion during August and September, showy wands of bright gentian blue flowers. 20 cts.; \$2.00 per dozen.

Saxifraga. (Rockfoil.) Useful for front of the border or rockeries, their 12 inch growth of broad green foliage being effective all the year; their dainty umbels of flowers breaking out very early in spring.

—**Cordifolia.** Light pink. 20 cts. each; \$2.00 per doz.

—**Lingulata Leichtleini.** Small brilliant red corymbs on six inch stems. 20 cts. each; \$2.00 per dozen.

Scabiosa Caucasica. (Blue Bonnet.) Large flowers of soft lavender, on 18 inch stems, from June till September. 15 cts.; \$1.50 per dozen.

Sedum. (Stone Crop.) An easily grown and useful class of hardy plants which can be used to advantage in poor, sandy or rocky soil, which would be otherwise barren. The Sedums are all very pretty and should be given room in every garden.

—**Sieboldi.** Dwarf and spreading, much prized as a carpet bedding and around rock work. The foliage is round, saucer shaped, glaucous green edged from purple to pink, and surmounted during August and September with numerous bright pink corymbs. 15 cts. each; \$1.50 per dozen.

—**Spectabilis.** Of upright growth, 15 to 18 inches high. Foliage rounded, thick and rubbery, crowned with massive flat cymes of light rose-colored flowers. 20 cts.; \$2.00 per dozen.

—**Brilliant.** A new form of above, with dark crimson flowers, very showy. 20 cts.; \$2.00 per dozen.

Silene Orientalis. (Catch Fly.) Attractive heads of bright rose-colored flowers. 2 to 2½ feet. 15 cts.; \$1.50 per dozen.

Spirea Aruncus. (Goats Beard.) Throws up numerous spikes 3 to 5 feet high, in bloom during mid-summer with immense, feathery panicles of pure white flowers. 25 cts. each; \$2.50 per dozen.

—**Falmata Elegans.** (Meadow Sweet.) Bushy, 3 foot growth, exceedingly ornamental foliage, with reddish stems and veins; a mass of fleecy panicked bloom during June and July; color white, with protruding pink anthers. 25 cts.; \$2.50 per dozen.

**Statice Latifolia****Meadow Sweet**

Statice Latifolia. (Sea Lavender.) Grows 15 to 18 inches high with tufts or clumps of thick, leathery foliage and immense panicles of delicate blue flowers. Individual flowers very minute, similar in form to Forget-Me-Not, but made into heads 18 inches or more across. Last for months as house decoration, if carefully dried. 15 cts.; \$1.50 per dozen.

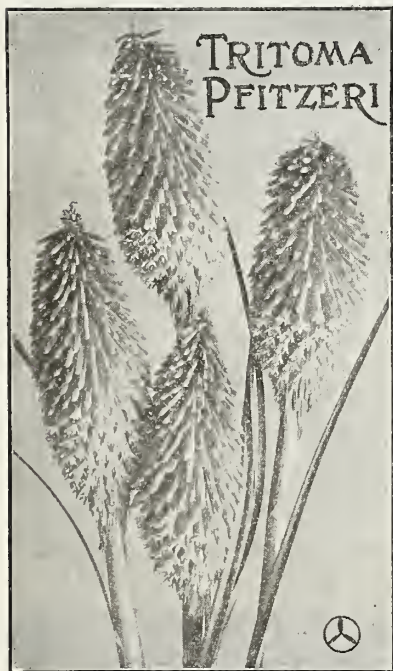
Stokesia Cyanea. (Stoke's Aster.) One of the most charming hardy plants, freely blooming from July to October. Flowers of Centaurea shape, often measure 4 to 5 inches across. 1½ to 2 feet. **Blue or White.** 15 cts.; \$1.50 per dozen.

**Stokesia**

Thalictrum Dipterocarpum. (Meadow Rue.) A graceful border plant growing about 4 feet high, with pretty, fine-cut foliage and a profusion of flower sprays during August and September. Color lilac-mauve, brightened by a bunch of lemon yellow stamens and anthers. 20 cts. each; \$2.00 per dozen.

Tradescantia Virginica Alba. (Spiderwort.) Plants about 2 feet tall, with richly green foliage and clustered white blossoms an inch wide; in bloom all summer. 15 cts.; \$1.50 per dozen.

Tritoma. (Red Hot Poker.) Rushlike foliage supports, smooth, thick flower stalks a yard long, with a single fiery cone at the top. July into September. All varieties must be carefully protected, or else carried dormant in dry sand in the cool cellar, during winter.



—**Pfitzeri.**

An improved up-standing type of perfect form; brilliant scarlet, the opened lower petals, merely being rimmed with orange. 15 cts. each; \$1.50 per dozen.

—**Quartina.**

A new variety with extremely thick and rigid stocks, crowned by massive

heads 8 to 12 inches long. The first show of color is deep orange-red, the lower half changing to clear yellow. 20 cts. each; \$2.00 per dozen.

—**The Express.** Large drooping flowers of cherry red, running gradually into yellow at bottom. 20 cts. each; \$2.00 per dozen.

—**Tricolor.** Rather small but charming flowers borne freely during the late summer. On first opening they are an all-over cochineal red, fading to canary-yellow and ultimately to sulphur white. 20 cts.; \$2.00 per dozen.

Valeriana Coccinea. Showy heads of reddish flowers, June to October. 2 feet. 15 cts.; \$1.50 per dozen.

—**Alba.** White flowers. 15 cts.; \$1.50 per dozen.

Veronica Longifolia Subsessilis. (Speedwell.) Flowers borne in long compact spikes of deep blue during July and August. 3 feet. 20 cts.; \$2.00 per dozen.

Hardy Violets. There is nothing prettier in spring than a few groups or lines of hardy violets, offering their unmatched loveliness of color and delicacy of perfume from the lawn or odd nooks and corners of the garden. We offer the well known varieties, California, Russian, and Princess of Wales by express at \$1.50 per dozen, or \$10.00 per 100.

Yucca Filamentosa. (Adams Needle or Spanish Bayonet.) A stately foliage and flowering plant equally imposing in solitary or group plantings, always conspicuous. The broad sword-like foliage is evergreen; while mid-summer shows great erect branching stems bearing a showy display of pendant, creamy-white bells. 15 cts.; \$1.50 per dozen. Strong 3-year, by express, 25 cts.; \$2.50 per dozen.



Yucca Filamentosa



THE annual seed-plantings in their bloom, and the bright colors of the hardy perennial flowers, hold an undisputed and important place in the beautifying of the home grounds; but with all their beauty and utility there is still something lacking to make a complete whole unless there is a harmonious complement of the hardy flowering shrubs. The man with extensive grounds can plant in masses and create magnificent effects on a grand scale; but the average owner of a small home, with its limited grounds, must meet the need with discrimination. The list of flowering shrubs is rich in variety, and yield their treasures to every requirement. Just a few chosen sorts will furnish, not only a summer display of charming flowers and a fall succession of ornamental berries; but the yellow, white, gray, purple and greens of bark and foliage brighten the entire season. Home-makers should bear in mind that shrub-planting builds for posterity as well as for the present.

The Joys of Gardening

To one unused to gardening, or transplanting; or to arranging the multitudinous types of Nature's ornaments into a definite plan, even a modest bundle of shrubs destined to adorn just a little yard assumes tremendous proportions and creates a feeling of dismay. Cheer up, brother! We've all been there at some time or other. Just a little common sense; considerable, but healthful, manual exercise; a due regard to the laws of harmony and a little care to secure a pleasing distribution of colors for the season, seeking and accepting the advice of your catalogue man on important items; and presto! the bug-bear is conquered.

After your plan has been fully worked out, bushes and trees firmly set, dirt smoothed off, string and straw and burlap removed, and you feel you have done a good job; that resulting sense of proprietorship, of artistry, of accomplishment, is well worth the mental and physical effort.

Watching **your** shrubs unfold their leaves, and branch out and mature and bloom; noting the results of **your** care and thoughtfulness from week to week, is a delight, a fascinating sport unknown and undreamed by the man who lets "George"—or his wife—do it.

Following, we offer as being very desirable, practical, of convenient form for adjustment to small home lots, and at bargain prices:

3 "READY-MADE" SHRUB GROUPS

The "Corner Group" \$10 OF SELECTED FLOWERING SHRUBS

Following is a selection and arrangement of 45 plants which we believe would be entirely satisfactory and pleasing to a majority of people; to be used as a compact group for the corner of lot or building. The taller kinds (marked "T") should naturally furnish the background, against either the wall or fence; the medium growers (marked "M") should come next; with the dwarf growing sorts (marked "D") as an outside border. This collection will be filled with only our choicest, selected stock in the largest grade; 's not subject to any changes; and is priced so low as to be a real bargain.

2 Altheas (T)	See Page 137
2 Lilacs (T)	" " 143
2 Viburnums (T)	" " 149
2 Forsythias (T)	" " 142
4 Weigelas (M)	" " 150
4 Spirea Van Houtte (M)	" " 148
4 Deutzia Gracilis (D)	" " 141
4 Hydrangea P.G. (M)	" " 142
7 Symphoricarpus Vulgaris (M)	" " 148
7 Spirea Bumalda (D)	" " 147
7 Berberis Thunbergi (D)	" " 138

45 First-Class Shrubs for \$10.00

All shrubs should be planted about 36 inches apart.

The "COTTAGE COLLECTION" \$3 OF FLOWERING SHRUBS AND ROSES

This is a selection of individual specimen plants giving a variety of color, foliage and blooming season; in quantity suitable for ornamenting small front yards. These shrubs are furnished in top-grade stock at an attractive net price.

1 Hydrangea "Hills of Snow"	See Page 142
1 Hydrangea Paniculata Grandiflora	" " 142
1 Spirea Van Houtte	" " 148
1 Althea ("Rose of Sharon")	" " 137
1 Snowball	" " 150
1 Weigela	" " 150
1 Tartarian Honeysuckle	" " 144
2 Lilacs, White and Purple	" " 143
1 Crimson Rambler Rose	" " 110
1 Clematis Paniculata	" " 151

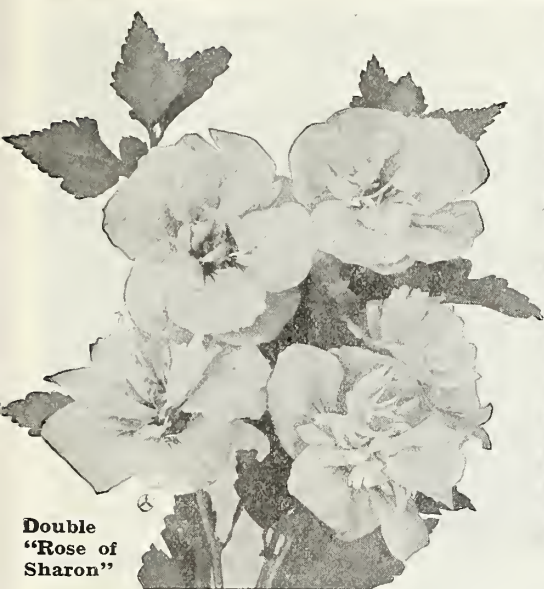
11 Specimen Plants for \$3.00

"SHADY NOOK" Shrub Collection \$5

Not only highly ornamental anywhere, but especially valuable, because they will do well in partial shade.

6 Indian Currant	See Page 148
4 White Snowberry	" " 148
6 Rugosa Roses	" " 113
6 Berberis Thunbergi	" " 137

22 Large Size Shrubs for \$5.00



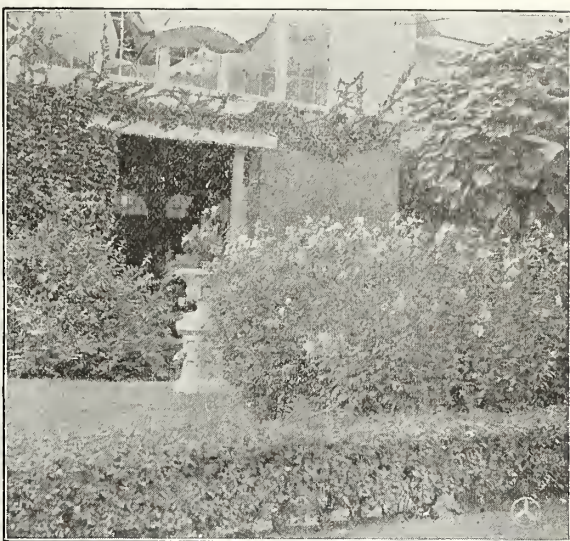
Double
"Rose of
Sharon"

ALMOND. Early spring flowering shrubs, gaily in full bloom before the leaves appear. Their growth is dwarf, bushy and compact; slender branched; when in bloom completely hidden by beautiful, double flowers of rose or white, snuggling tight to the twigs.

—**Double White and Double Pink.**
2 to 3 feet—40 cts. each; \$3.00 per 10
Mail size, 25 cts. each.

ALTHEA. (Rose of Sharon.) Bloom late in August and September, with a profusion of large and brightly colored flowers much like the tender Hibiscus in form. Grown in standard form, they attain 10 to 12 feet in height and make attractive specimens. Planted more compactly and occasionally pruned, they are both serviceable and showy as hedges.

—**Double Rose, White, Purple, Red and Striped.**
2 to 3 feet—30 cts. each; \$2.00 per 10; \$18.00 per 100
3 to 4 feet—40 " " 3.00 " 25.00 "



Altheas in September Bloom

—**Variegated Leaved.** This is one of the handsomest variegated leaved shrubs that grows. The Althea foliage is always attractive; but nothing else can equal their charm when broadly blotched and banded with cream and silver.

18 to 24 inch—40 cts. each; \$3.00 per 10
Mail size, 15 cts. each.

AMORPHA FRUTICOSA. Grows 6 to 10 feet high in large, spreading bush form, with bright green leaves in pinnate arrangement; flowers deep violet blue, in June. 2 to 3 feet—35 cts. each; \$2.50 per 10

ARALIA PENTAPHYLLA. Long, slender, gracefully arching branches and bright green compound foliage. Makes a small tree in time, especially attractive on rocky slopes. Greenish white flowers in long umbels.

2 to 3 feet—30 cts. each; \$2.50 per 10
3 to 4 feet—40 " " 3.50 "

ARONIA. (Chokeberry.) Attractive, perfectly hardy shrubs preferring moist location, but equally good in dry soil. Leaves are smooth, pale green coloring vividly to red in fall. Flowers are a tinted white in numerous small corymbs, succeeded by conspicuous, persistent berrylike fruits.

—**Arbutifolia.** Upright, 6 to 10 feet; very pretty in April and May with an abundance of white flowers; its fall fruits a bright red, and carrying well into winter.

1½ to 2 feet—40 cts. each; \$3.00 per 10
2 to 3 feet—50 " " 4.00 "

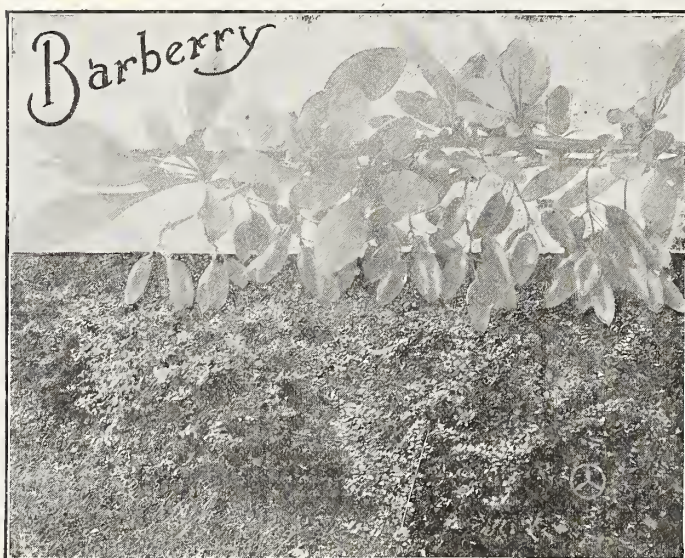
—**Nigra.** (Black Chokeberry.) Dwarfier than Arbutifolia, seldom reaching 6 feet. Its flowers are slightly tinged with red, and its fruits ripen to a shiny jet black.

2 to 3 feet—35 cts. each; \$2.50 per 10



A Sprig of Aralia Pentaphylla

Notice. We are heavy importers of such stock as Azaleas, Bay Trees, Boxwood, Kalmia, Japan Maples, Dutch Pipe, Magnolias, Rhododendrons and Tree Roses. They have not yet arrived and delivery is uncertain. Please refer to page 154 for conditional offer and price list of such articles, which are omitted from catalog in their proper location.



BARBERRY (*Berberis*)

Useful and highly ornamental shrubs that are hardy everywhere. Their masses of white, yellow or orange flowers are showy in spring; their dainty leaves color brightly in fall; their scarlet, blue or black berries are persistent through most of the winter; their dense growth and sharp spines making them invaluable for hedges.

—**Canadensis.** (American Barberry.) Seldom grows over four feet high, with bright green, broad foliage which turns to beautiful shades of orange-red and bronze in the fall. Its fruits are particularly bright and showy. 2 to 3 feet, 35 cts.; \$2.50 per 10.

—**Vulgaris.** (European Barberry.) Grows 5 to 8 feet with bright green foliage, yellow flowers and red fruits.

—**Purpurea.** (Purple Barberry.) Foliage a beautiful deep purple all the year; a splendid specimen shrub and almost indispensable in contrastive groupings.

Vulgaris	{	18 to 24 inch—20 cts. each; \$1.50
		per 10; \$12.00 per 100
and	{	2 to 3 feet—30 cts. each; \$2.50
		per 10; \$20.00 per 100
		Mail size, 15 cts. each.

—**Thunbergi.** (Thunberg's Barberry.) Dwarf. Inimitably neat and dense of growth, yet graceful because of its drooping branches. Yellow flowers are followed by vivid scarlet fruits, the foliage changing in fall to scarlet and gold.

15 to 18 in.,	20 cts.;	\$1.50 per 10;	\$12.00 per 100
18 to 24 in.,	25 "	2.00 "	14.00 "
24 to 30 in.,	30 "	2.50 "	16.00 "
Mail size, 15 cts.			

BUDDLEIA

"Butterfly Bush"—"Summer Lilac"

One of the most admired and sought after shrubs in the trade. Of quick bushy growth; when the lovely bloom-spikes appear in July, the shrub which had probably died down nearly to the ground during winter, is now a perfect specimen of about five feet; radiating a delightful perfume and glowing with the tints and flower shape of the Spring Lilacs.

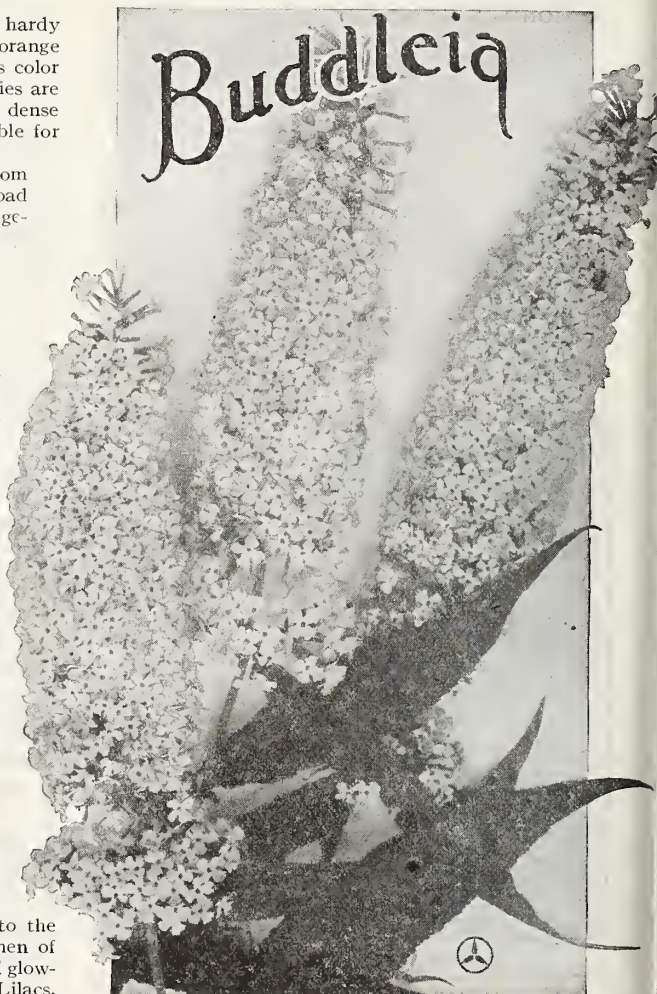
Lindleyana. Bright lavender flowers in great profusion all summer; spikes of good length and even roundness.

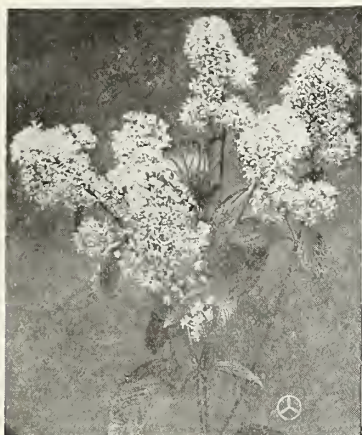
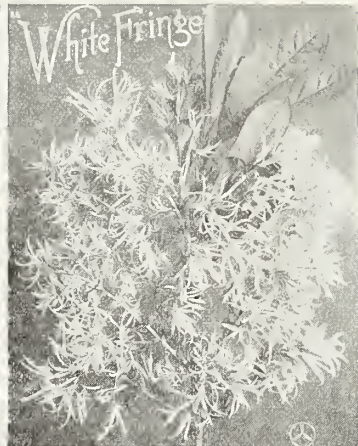
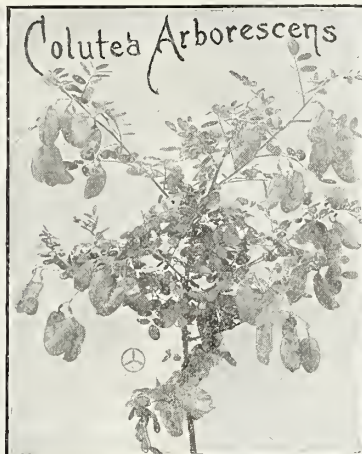
Magnifica. This variety is selected from several good sorts as being the hardiest for all sections. Flower spikes 10 inches in length by 3 in diameter are not unusual. Color deep violet-rose, with a pronounced orange center.

Veitchii. Blooms freely even in small state and is sure to make a fine show the first year planted. Flower spikes are compact, full and cylindrical; under the best cultivation, attaining as much as 12 to 15 inches in length by a diameter of 3 inches. Blooming with great freedom until stopped by frosts; always sweet scented; color a very pleasing shade of mauve-violet.

1 year—from 2½ inch pots, 15 cts. each; \$1.00 per 10

2 years—1½ to 2 feet, 30 cts. each; \$2.50 per 10



**Ceanothus Americanus**

CALICARPA PURPUREA. A pretty shrub from 1 to 4 feet high, more at home south of the Ohio, but practical in the North if given a sheltered position and winter protection. It blooms profusely during August with small axillary clusters of pink flowers, these followed by berry-bunches colored a light violet. If top should freeze, young shoots will come up and flower and fruit the next season. 18 to 24 inches—40 cts. each; \$3.50 per 10

CALYCANTHUS. (Carolina Allspice.) A unique shrub of quick growth, blossoming oddly at the leaf axils in double, spicily fragrant flowers of chocolate red. 2 to 3 feet—35 cts.; \$2.50 per 10 Mail size, 15 cts.

**Calycanthus**

CARAGANA ARBORESCENS. (Siberian Pea Shrub.) Grows ten to twelve feet high and makes a splendid show with its bright green, compound leaves and numerous small clusters of yellow flowers. 2 to 3 feet—30 cts.; \$2.00 per 10

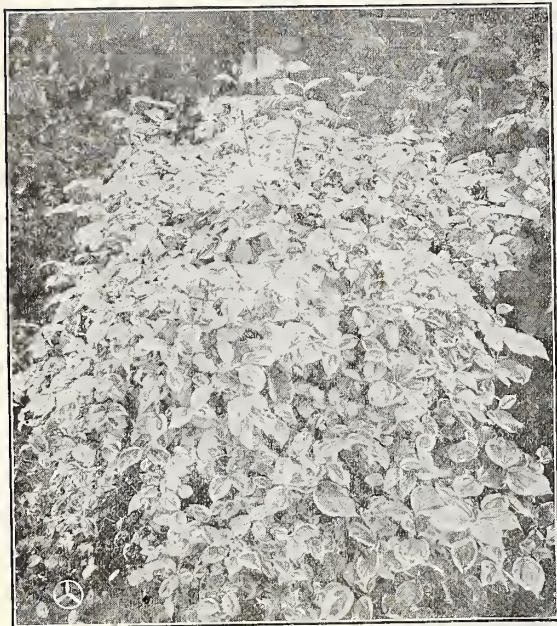
CEANOTHUS AMERICANUS. (New Jersey Tea.) Low erect shrub to 3 feet, with small ovate leaves, and a vast amount of short-lived bloom from July to Sept. Flowers are both terminal and axillary, in full, loose foamy corymbs; pure white. 18 to 24 inches—35 cts.; \$3.00 per 10

CHIONANTHUS VIRGINICA. (White Fringe.) A very showy shrub, growing to large size; with large, leathery shiny leaves, and lace-like white flowers borne in gracefully drooping panicles. 2 to 3 feet—40 cts. each; \$3.50 per 10
3 to 4 " 50 " " 4.50 "
Mail size, 20 cts. each.

CLETHRA ALNIFOLIA. (Sweet Pepper Bush.) A handsome little shrub, delightfully fragrant in September when covered with long, showy wands of white flowers. It is valuable for the front of the border, as it grows only three to five feet tall. 18 to 24 in.—35 cts.; \$2.50 per 10 Mail size, 20 cts. each.

COLUTEA ARBORESCENS. (Bladder Senna.) Fast growing shrub attaining 15 ft. in height, preferring a dry, sunny location. Foliage Acacia-like, flowers pea-shaped in long racemes, yellow and cinnabar-red, followed by red bladder-shaped seed pods. 2 to 3 ft.—30 cts.; \$2.00 per 10
3 to 4 " 35 " 2.50 "

**"Sweet Pepper Bush"**

**Cornus Elegantissima Variegata**

CORNUS. (Dogwood.) The shrubby Dogwoods are mainly valuable for the brilliancy of their barks and berries, and the handsome variegation of their foliage. All varieties do well in shade.

—**Sibirica.** Grows 6 to 10 feet high, with clusters of fine white flowers, succeeded by a fall crop of ornamental berries; stem and branches turning to blood-red in winter.

2 to 3 feet—30 cts. each; \$2.50 per 10

3 to 4 feet—35 " " 3.00 "

Mail size, 15 cts. each; \$1.00 per 10

—**Elegantissima Variegata.** Grows 8 to 10 feet high, with purplish red branches and beautiful silver variegated foliage.

2 to 3 feet—50 cts. each; \$4.00 per 10

3 to 4 " 60 " " 5.00 "

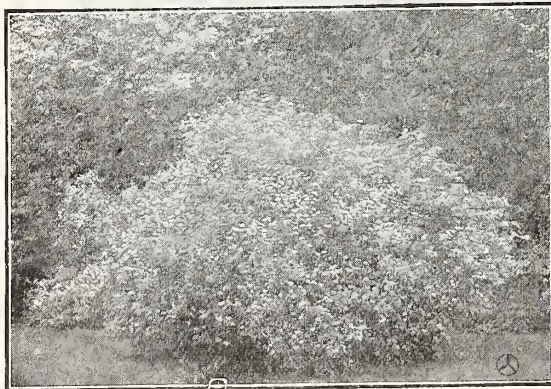
—**Gouchalti Aurea.** Leaves broadly margined yellow. Of branchy, spreading habit.

2 to 3 feet—60 cts. each; \$5.00 per 10

—**Paniculata.** (Gray Dogwood.) One of the best sorts for tall shrub groups (6 to 15 feet). Showing a profusion of good sized white flowers in June. Berries white, on noticeable red stems. Bark and underside of leaves gray.

2 to 3 feet—35 cts. each; \$3.00 per 10

3 to 4 feet—45 " " 4.00 "

**Cornus Paniculata**

—**Sericea.** (Silky Dogwood.) Usually dwarf growing, with silky leaves, and dense cymes of greenish white flowers in early summer. Bark purplish, fruits black.

—**Stolonifera.** (Red Ozier Cornel.) Medium sized and spreading, with dark red bark and white flowers, berries white.

Sericea and Stolonifera prices:

2 to 3 feet—30 cts. each; \$2.50 per 10

3 to 4 feet—35 " " 3.00 "

—**Lutea.** A striking yellow branched form of Stolonifera, very satisfactory for contrasting.

2 to 3 feet—35 cts. each; \$2.50 per 10

CYDONIA JAPONICA. (Japan Quince.) Very early in spring this fine old shrub is completely covered with dazzling scarlet flowers, followed by small, quince-shaped fruits which are quite fragrant. Growth bushy and dense, with protecting thorns.

18 to 24 in.—20 cts. each; \$1.50 per 10

2 to 3 feet—30 " " 2.00 "

Mail size, 15 cts. each.



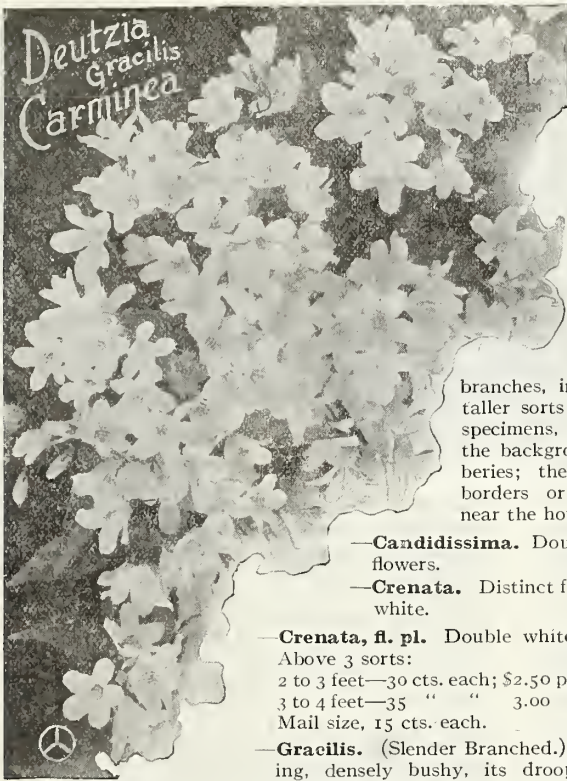
CYTISUS LABURNUM. (Golden Chain.) This charming small tree, which rarely grows over 20 feet tall, takes its familiar name from the long racemes of golden yellow flowers with which it is radiant in June. It is of picturesquely irregular growth, and has glossy, pinnate leaves. Prefers a somewhat sheltered situation.

3 to 4 feet—65 cts. each.

4 to 5 feet—90 " "

DESMODIUM PENDULIFLORUM. A shapely, pretty leaved semi-herbaceous shrub from 2 to 4 feet high; literally covered in early autumn with long drooping racemes of magenta flowers.

2 year plants, 50 cts.; \$4.00 per 10

**DEUTZIAS.**

Valuable, self-sustaining shrubs which vary considerably in height and habit, but bloom alike in dainty bell or tassel-shaped flowers borne thickly in wreaths along their

branches, in June. The taller sorts are useful for specimens, groups, and the background of shrubberies; the dwarfier, for borders or for planting near the house.

—**Candidissima.** Double pure white flowers.

—**Crenata.** Distinct from all others; white.

—**Crenata, fl. pl.** Double white, tinged pink. Above 3 sorts:

2 to 3 feet—30 cts. each; \$2.50 per 10

3 to 4 feet—35 " " 3.00 "

Mail size, 15 cts. each.

—**Gracilis.** (Slender Branched.) Dwarf growing, densely bushy, its drooping branches wreathed with pure white flowers in May.

Also valuable for winter blooming in pots.

15 to 18 in.—35 cts.; \$3.00 per 10
Mail size, 15 cts. each.

—**Boule de Nieve.** Dwarf growth but large flowered; creamy white bloom fairly crowding the upper branches.

2 to 3 feet—35 cts.; \$3.00 per 10
Mail size, 20 cts. each.

—**Carminea.** Has same habit as Gracilis, but grows slightly taller and has deep rose colored flowers. 2 to 3 feet—45 cts.; \$3.50 per 10

—**Lemoinei.** Large flowers of pure white borne in cone-shaped heads. 2 to 3 feet—35 cts.; \$3.00 per 10
Mail size, 15 cts. each.

—**Pride of Rochester.** Grows 6 to 8 feet high; and blooms in May before the others. Flowers large and free, double white.

2 to 3 feet—35 cts.; \$3.00 per 10
3 to 4 feet—40 " 3.50 "
Mail size, 15 cts. each.

—**Watereri.** Tall growing; with large pink, flat flowers in loose racemes.

2 to 3 feet—35 cts.; \$3.00 per 10
3 to 4 feet—40 " 3.50 "
Mail size, 15 cts. each.

ELEAGNUS LONGIPES. (Japan Oleaster, "Silver Thorn.") A showy shrub of strong, bushy growth, with silver variegation in the lining of its leaves, which are dark green above. Its fragrant, creamy white blossoms



Deutzia Crenata fl. pl.

open in April or May; the scarlet, edible fruits hang thickly along its branches and are ripe in July. They make delicious sauces.

2 to 3 feet—40 cts.; \$3.00 per 10

EUONYMUS ALATUS. (Winged Burning Bush.) An 8 to 10 foot shrub, with corky winged branches; fine shrub for solitary plantings, as well as for massing, the rich red and crimson of its leaves being very showy in autumn.

2 to 3 feet—60 cts.; \$5.00 per 10

3 to 4 feet—75 " 6.00 "

EXOCHORDA GRANDIFLORA.

(Pearl Bush.) One of the most distinctively ornamental shrubs in cultivation and a leader in its season. It grows vigorously to a height of 6 to 10 feet, and can be trimmed to any desirable shape. The early buds look like pearls strung on slender threads, May opening them up to long, gleaming sprays of pure white.

2 to 3 feet—40 cts.; \$3.50 per 10

PURPLE FILBERT. Makes a 10 to 12 foot tree, in time; useful for its fine "Hazel" nuts in fall, and the rich purple of its foliage.

18 to 24 in.—50 cts.; \$4.00 per 10
Mail size, 30 cts. each.



"Pearl Bush"



Hydrangea "Hills of Snow"



Hydrangea Paniculata Grandiflora

FORSYTHIA. (Golden Bell.) These splendid old shrubs, growing 8 to 10 feet tall eventually, light up the garden with glinting masses of yellow, very early in spring before the leaves appear. Their bright golden flowers, often appearing before the snow is gone, vie with the Crocus as harbingers of spring.

—**Intermedia.** The earliest blooming.

—**Viridissima.** Twisted flowers, a little the deepest yellow, with rich, shiny green foliage.

—**Suspensa.** Very long, curving branches, superbly adapted to covering arches and trellises.

—**Fortunei.** Similar to the above, but of more upright growth.

All Forsythias—Mail size, 15 cts. each.

2 to 3 feet—35 cts. each; \$3.00 per 10

3 to 4 feet—40 " " 3.50 "

HYDRANGEA. The massiveness of bloom on these valuable shrubs assures them a place in every grouping where solid white effects are required.

—**Arborescens Grandiflora.** ("Hills of Snow.") The flowers are, in a large way, similar to the familiar "Snowball" in appearance; conspicuously white and imposing. July to September.

18 to 24 in.—30 cts. each; \$2.50 per 10

2 to 3 feet—40 " " 3.50 "

3 to 4 feet—50 " " 4.00 "

Mail size, 15 cts. each; \$1.25 per 10.

—**Paniculata Grandiflora.** Single specimens, if planted in rich soil and severely pruned every Spring before the leaf buds open, will get to be very dense, stocky clumps of compact form, wonderfully attractive when laden with their massive white plumes. Large beds, kept at a uniform development, are extremely showy; first snowy white, then pink, then reddish bronze and green. August till autumn.

18 to 24 in.—35 cts. each; \$3.00 per 10

2 to 3 feet—40 " " 3.50 "

Mail size, 15 cts. each; \$1.25 per 10

—**Tree Shaped.** Very desirable in this form, in formal lines and backgrounds, or solitary.

3 to 4 feet—60 cts. each; \$5.00 per 10

KERRIA Japonica. (Japan Corchorus.) A handsome, green-leaved shrub, growing 4 to 5 feet. Graceful, slender, drooping branches, painted with a wealth of rich dark yellow flowers in June, and to some extent all summer.

18 to 24 in.—35 cts. each; \$3.00 per 10

2 to 3 feet—40 " " 3.50 "

Mail size, 15 cts. each.

—**d. pl.** (Double Japan Corchorus.) Flowers very double and compact, as free blooming as the single variety but plant not quite so hardy.

2 to 3 feet—40 cts. each; \$3.50 per 10

—**Variegata.** One of the choicest of the dwarf growing shrubs and always scarce. The foliage is small, dense and profuse, so variegated with white as to present a striking appearance of silver. The flowers are as large and yellow as on the taller type, and appear at intervals all summer.

15 to 18 in.—50 cts. each; \$4.00 per 10



The Golden Glory of Japan Corchorus



Mad. Lemoine

LILACS. (*Syringa*.)

Best beloved of all the old time garden shrubs; whose flowers never fail to charm with their delicate beauty or refresh with their tender fragrance. New varieties are occasionally produced with deeper coloring and larger form, so that our lists present a wide and varied offering.

- Common Purple.** (*S. Vulgaris*.)
- Common White.** (*S. Vulgaris Alba*.)
- 2 to 3 feet—30 cts. each; \$2.00 per 10
- 3 to 4 feet—35 cts. each; \$2.50 per 10
- 4 to 5 feet—50 cts. each; \$4.00 per 10
- Mail size, 15 cts. each
- Persian Purple** and
- Persian White.** Dwarf growing, with slender branches and narrow leaves. Mail size, 25 cts.

—**S. Josikaea.** (Hungarian Lilac.) Blooms late in June, with large panicles of lilac-purple flowers. Grows upright, 8 to 10 feet high, with stout branches, and broad, dark leaves.

—**S. Rothomagensis.** (Rouen Lilac.) Grows 10 to 12 feet high; immense reddish-purple panicles in May. Mail size, 25 cts. each.

—**S. Villosa.** Dwarf growth, broad leaved; pinkish lilac flowers in long loose panicles.

5 sorts above—2 to 3 feet, 45 cts. each; \$3.50 per 10.

—**S. Japonica.** (Japan Tree Lilac.) Grows to 30 feet, and makes a beautiful lawn specimen. Flowers appear in great profusion during June or July, creamy white in slender plumes 15 to 20 inches long.

3 to 4 feet—50 cts. each; \$4.00 per 10
4 to 5 feet—60 " " 5.00 "

FRENCH NAMED LILACS

All varieties, 3 to 4 feet, 75 cts. each; \$6.00 per 10
2 to 3 feet, 60 cts. each; \$5.00 per 10

- Alphonse LeValle.** Blue, shaded violet.
- Belle de Nancy.** Brilliant rose, white centered.
- Chas. Joly.** Rather low in growth; flowers double, very dark reddish purple.
- Countesse Horace de Choiseul.** Dwarf growth; extra large trusses of porcelain blue. Double.
- Frau Bertha Dammann.** Immense trusses; pure white, medium sized single flowers.
- Glorie de Lorraine.** Splendid large single flowers; in large trusses; red in bud, lilac when open. Bush grows not much over three feet high.
- Jean Bart.** Double, rosy carmine flowers in large, compact plumes.
- La Tour d'Auvergne.** (D) Of notably strong growth; flowers large, violet purple. (2 to 3 feet only.)
- Leon Simon.** Dwarf; double, bluish crimson.
- Mad. Abel Chatenay.** Double white.
- Mad. Jules Finger.** Large, satiny rose flowers in strong, erect plumes; quite fragrant.
- Mad. Lemoine.** Double pure white. (2 to 3 feet only.)



A Lilac Hedge in Bloom

- Marie Le Graye.** Single; pure white.
- Michael Buchner.** Dwarf; pale lilac. (3 to 4 feet only.)
- Negro.** Very large panicles of single flowers; deep violet purple. 2 to 3 feet—60 cts. each; 3 to 4 feet, 75 cts.
- Pres. Carnot.** (D) Pale blue, marked with white at center.
- Pres. Grevy.** (D) Huge panicles; beautiful shade of light blue.
- Siebold.** Doubled; snow white tinted flesh pink.
- Souvenir de Ludwig Spaeth.** A choice variety with long panicles of single flowers; dark, purplish blue.

LINDERA BENZOIN. (Spice Bush.) One of the best of the aromatic-barked shrubs; growing 6 to 10 feet high and at its best in moist, peaty soils. It is quite gay in early spring before the leaves appear, with small but numerous yellow flowers. Its fall aspect is even more brilliant; when its full leafage has turned to yellow, thickly studded with scarlet fruits. 2 to 3 feet—45 cts. each; \$3.50 per 10.



Japan Tree Lilac

TARTARIAN HONEYSUCKLE



—LONICERA. (Bush Honeysuckle.) The upright Honeysuckles have bright and pretty fragrant flowers followed by showy berries that last through the fall. Make very desirable and attractive hedges. The earliest shrub to get full leafage in spring, with the brightest, clearest green color in the groups.

- Alberti.** (Siberian Honeysuckle.) Dwarf, bushy growth about 2 feet, with silvery, pinnate foliage; fragrant, violaceous pink flowers in June. 15 to 18 inch—35 cts. each; \$3.00 per 10
- Bella Albida.** Flowers white, in great fragrant clusters, followed by attractive ropes of red berries, which remain all summer. 3 to 4 feet, 35 cts. each; \$2.50 per 10 Mail size, 20 cts. each.
- Fragrantissima.** Not a showy sort, but its early pink and white flowers are sweetly fragrant, and its foliage remains until late in winter, if somewhat sheltered. 2 to 3 feet, 40 cts. each; \$3.00 per 10
- Ledebouri.** A new variety, very showy with bright red bloom in May. 2 to 3 feet—35 cts. each; \$2.50 per 10
- Ruprechtiana.** A new early flowering variety with white flowers, and red berries.
- Morrowi.** (Japanese Bush Honeysuckle.) A spreading variety growing 4 to 6 feet tall.

Two	{	2 to 3 feet—35 cts. each; \$3.00 per 10
above	{	3 to 4 feet—40 " " 3.50 "
- Tartarica.** (Tartarian Honeysuckle.) A tall growing class attaining 8 to 10 feet if left unpruned; quantities of red and orange berries.
- Rubra.** Deep rose pink flowers; early.
- Alba.** Flowers bluish white.
- Virginalis Alba.** Pure white; fragrant. 2 to 3 feet—35 cts. each; \$3.00 per 10 Mail size, 20 cts. each.

MYRICA CERIFERA. (Wax Myrtle.) Slow growing but ultimately attaining 5 to 8 feet. Its leaves are ornamental, bright, lustrous green, pungently aromatic if bruised. The plentiful berries which persist all winter, are their main attraction; bluish white, heavily coated with wax.

12 to 18 inches—40 cts. each; \$3.00 per 10

Philadelphus. (Syringa or Mock Orange.) One of the best and most popular old shrubs, the taller growing sorts largely used for hedges.

- Alba Florepleno.** Beautiful semi-double white flowers. 2 to 3 feet—40 cts. each; \$3.00 per 10
- Aureus.** (Golden Syringa.) Valuable for contrastive grouping, and the best golden leaved shrub. 15 to 18 in.—40 cts. each; \$3.00 per 10 Mail size, 15 cts. each.
- Avalanche.** Very large, fragrant flowers on slender branches which arch gracefully to the ground. 2 to 3 feet—40 cts. each; \$3.00 per 10 Mail size, 20 cts. each.
- Bouquet Blanc.** Close set bunches of double or semi-double white flowers. 2 to 3 feet—50 cts. each; \$4.00 per 10
- Coronarius.** (Garland Syringa.) A fine old form 8 to 10 feet tall. Its large white flowers in very graceful sprays are delightfully scented. May.
- Grandiflorus.** Very large flowers in June.
- Gordonianus.** Best late bloomer. July.

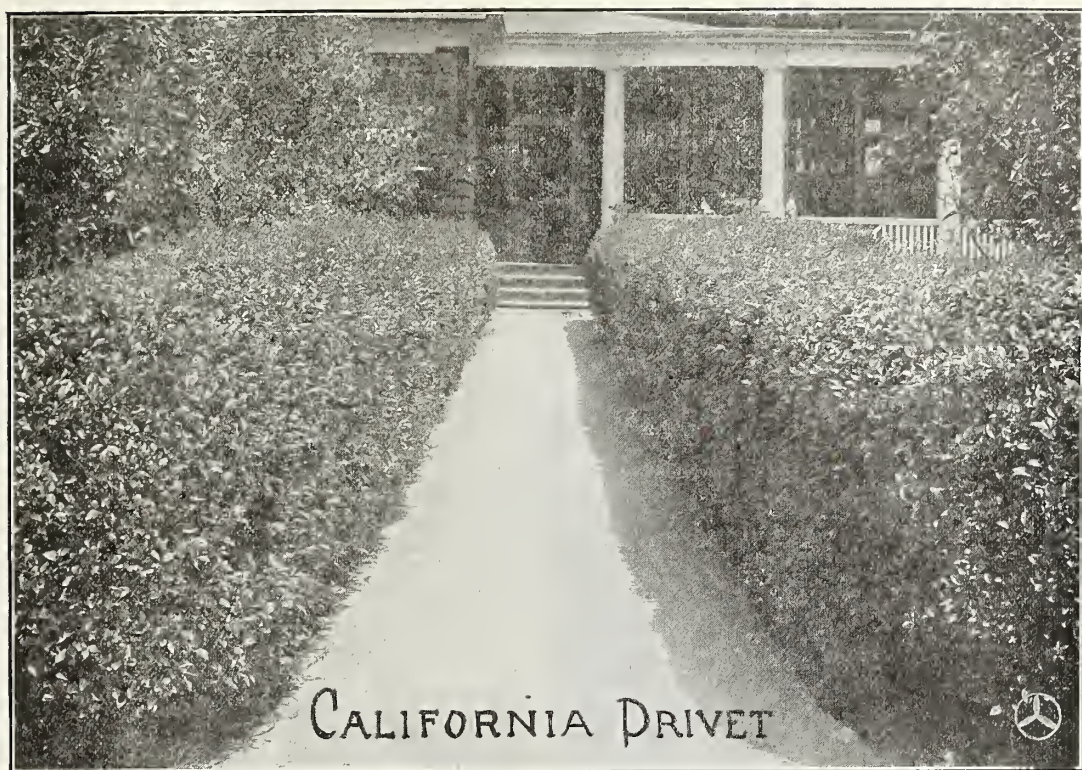
Above	{	2 to 3 feet—35 cts. each; \$3.00 per 10
three	{	3 to 4 feet—40 " " 3.50 "

 sorts Mail size, 15 cts. each.
- Lemoinei Erectus.** Erect growing with fine foliage, creamy white flowers in June. 2 to 3 feet—35 cts. each; \$3.00 per 10. Mail size, 15 cts. each.
- Manteau d'Hermine.** Of very dwarf, drooping habit; branches long and slender, densely covered from base to tip with sweet scented double flowers.
- Mont Blanc.** Extremely fragrant and free flowering; medium size flowers of pure white in abundance, on slender, upright branches; tall.

Above two new sorts,	2 to 3 feet, 60 cts. each; \$5.00 per 10. Mail size, 35 cts. each.
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- Nivalis Inodorous.** Flowers snow-white, with creamy stamens. 1½ to 2 ft., 60 cts. each; \$5.00 per 10. 2 to 3 feet, 75 cts. each; \$6.50 per 10.



Philadelphus or "Mock Orange"



CALIFORNIA PRIVET

POTENTILLA FRUTICOSA. (Shrubby Cinquefoil.) A bright flowered little shrub that thrives in moist places where many others refuse to grow. Of upright growth; with narrow, compound, silky foliage and bright yellow flowers from mid-summer until frost. 18 to 24 inch—40 cts. each; \$3.00 per 10

Privet. (Ligustrum.) One of our best hedge plants; almost evergreen, of dense, compact habit.

The flowers are fragrant, and are followed by pretty sprays of different colored berries.

—**Amoor River.** (L. Amurense.) (Hardy Northern.) Of similar form and habit to the California type, not so lustrous, but the safest substitute for cold climates. 15 to 18 in.—10 cts. each; \$.70 per 10; \$6.00 per 100
18 to 24 in.—15 " " 1.00 " 8.00 "
Mail size, 15 cts. each.

—**California.** (L. Ovalifolium.) A species of unequalled beauty that has become the most popular of all hedge plants. For groups and specimens it is equally pretty, and its shining deep green leaves give it value for porch and terrace decoration when grown in standard form. Can be sheared to any desirable shape.

Each	Per 10	Per 100	Per 1000
12 to 15 inch.	\$.35	\$2.00	\$18.00
15 to 18 inch. . . . .	.50	2.50	22.00
18 to 24 inch. . . . .	.10	.80	35.00
2 to 3 feet. . . . .	.15	1.25	6.00 50.00

Mail size, 10 cts. each.

—**L. Ikota.** Spreading and tall growing, one of the hardest. Color grayish-green, fruits black. 15 to 18 in.—10 cts. each; \$.70 per 10; \$5.00 per 100
18 to 24 in.—15 " " 1.00 " 8.00 "
Mail size, 10 cts. each.

—**English.** (L. Vulgaris.) Grayish green leaves, white flowers and black berries. Mail size, 15 cts. each. 18 to 24 in.—15 cts. each; \$1.00 per 10; \$ 8.00 per 100
2 to 3 feet—20 " " 1.50 " 12.00 "

—**Polish.** Probably the hardest of all Privets. Of stiff, upright habit; leaves sharply lanceolate. Closest in character to the L. Vulgaris, but with shinier foliage.

18 to 24 in.—15 cts. each; \$1.20 per 10; \$10.00 per 100

—**Regels.** (L. Regelianum.) A dense shrub with stiff, twigg, horizontal spreading branches drooping at the ends. 15 to 18 in.—15 cts. each; \$1.25 per 10

PRUNUS—Pissardi. (Purple-leaved Plum.) A distinct and handsome little tree, covered with a mass of small, white, single flowers in spring; later, with showy pinkish purple leaves that deepen in color to the end of the season. A unique lawn ornament at all times of the year. Mail size, 25 cts. each.

3 to 4 feet—40 cts. each; \$3.00 per 10

4 to 5 feet—50 cts. each; \$4.00 per 10

—**Triloba.** (Double Flowered Plum.) A charming shrub of vigorous growth. Very early in spring, before its leaves appear, the whole tree is decked in a fleecy cloud of very double light pink blossoms. Its effect on a still leafless landscape is very bright. 2 to 3 feet—50 cts.; \$4.00 per 10
Mail size, 30 cts. each.

RHAMNUS CATHARTICUS. (Buckthorn.) A dense twigg bush, 6 to 10 feet high, with dark foliage relieved by masses of attractive white flowers in June and July. Makes a good prunable hedge.

18 to 24 in.—15 cts. each; \$1.25 per 10; \$ 8.00 per 100

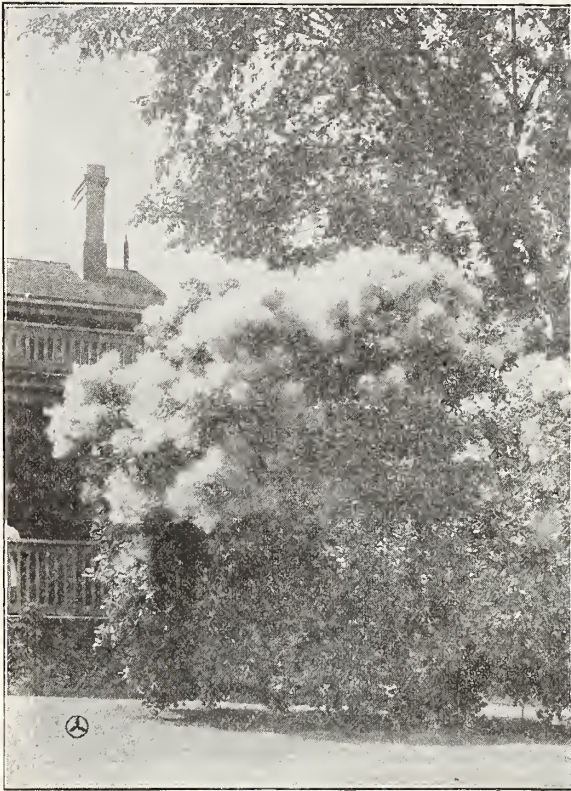
2 to 3 feet—25 " " 2.00 " 12.00 "

3 to 4 feet—30 " " 2.50 " 15.00 "

RHODOTYPUS KERRIOIDES. (White Kerria.) An attractive shrub 3 to 6 feet high, with beautiful yellowish green, corrugated foliage and large, single white flowers late in May. The black seeds which follow are large and showy.

2 to 3 feet—35 cts. each; \$2.50 per 10

3 to 4 feet—45 " " 3.50 "



**Rhus Cotinus—
“Purple Fringe” or “Smoke Tree”**

RHUS. (Sumac.) Every lover of Nature thrills at recollection of the picturesque, gnarly, wind-bent rows of Sumac familiarized since childhood in many a romantic sky-line. And the woods, the hillside copses never blazed so redly as when autumn painted the Sumac leaves and brought forth its gorgeous fruits.

—**Aromatica.** (Fragrant Sumac.) Grows 2 to 4 feet tall; flowers yellow, in clusters along the stems, followed by red berries in June. Leaves color to brilliant scarlet in fall.

18 to 24 in.—50 cts. each; \$4.00 per 10

—**Copallina.** (Shining Sumac.) Tall growing; foliage glossy. Blooms late, with terminal flowers of greenish white in dense panicles. Fruits large, deep crimson. Foliage colors beautifully in fall.

2 to 3 feet—50 cts. each; \$4.00 per 10

—**Cotinus.** (Purple Fringe.) A conspicuous spreading shrub or small tree with large leaves; overhung in midsummer by mist-like clouds of tiny flowers. These billowing panicles are a light lavender when fresh, very persistent, and give the impression of smoke at a distance.

2 to 3 feet—35 cts. each; \$3.00 per 10

3 to 4 feet—40 “ “ 3.50 “

—**Glabra.** (Smooth Sumac.) Grows to a small tree with beautiful leaves which color brightly in Autumn; flowers in July followed by crimson or brown fruits.

2 to 3 feet—35 cts. each; \$2.50 per 10

3 to 4 feet—40 “ “ 3.00 “

—**Typhina.** (Stag Horn Sumac.) Picturesque and rugged in all stages of development to its small-tree maturity of about 30 feet. Its flowers are borne during June and July in dense terminal panicles, followed by impressive red fruits.

2 to 3 feet—35 cts. each; \$2.50 per 10

3 to 4 feet—40 “ “ 3.50 “



Rhus Typhina Laciniata. Similar to foregoing except its leaves are deeply cleft, which, if bush is pruned to induce considerable bottom growth, mingles the various angled fronds in a delightful “ferny” effect.

3 to 4 feet—50 cts. each; \$4.00 per 10

SAMBUCUS. (Elder.) Although the Elders are attractive in flower and fruit, they are chiefly grown for their beautiful leaves, which make admirable fillers among the finer foliage and branches of other shrubs. Being naturally rather tall growing and of robust habit, their use should be confined to backgrounds, screens or the higher hedges.

—**Acutiloba.** (Cut-leaved Am. Elder.) Great handsome cymes of delicate, white, fragrant flowers in June and July, followed by large clusters of fruit.

2 to 3 feet—40 cts. each; \$3.00 per 10

—**Aurea.** (Golden Elder.) Contrasted with other shrubs, the golden yellow leaves of this European Elder give heightened effects in tone and color. Flowers white, in flat topped cymes. Grows naturally 10 to 15 feet, but can be pruned into a neat, compact little bush.

2 to 3 feet, 40 cts. each; \$3.00 per 10

—**Tenuifolium.** A cut-leaved form of the red fruited Elder, similar in leaf-structure to *S. Acutiloba*, but of a stockier, more compact growth.

2 to 3 feet—35 cts. each; \$3.50 per 10

—**Variegata.** Tall, vigorous, black fruited; its conspicuous leaves quaintly mottled with white and yellow.

2 to 3 feet—40 cts. each; \$3.00 per 10

Mail size, 15 cts. each.



Golden Elder

SPIREA

All Spireas, Mail size, 15 cts.

DWARF FORMS—2 to 3 feet

Spirea Anthony Waterer. Dwarf, bushy, spreading type, of better habit than original Bumalda, and with larger corymbs brilliantly colored in rosy crimson. Very free flowering, at its best in late summer.

15 to 18 in.—35 cts.; \$2.50 per 10; \$20.00 per 100

18 to 24 in.—45 " 3.50 "

—**Bumalda.** A spreading, low bush with dark leaves brightened by corymbs of pretty light pink flowers in May, and at intervals all summer.

18 to 24 in.—35 cts. each; \$2.50 per 10

—**Callosa Alba.** Large flat clusters of white flowers nearly all summer.

18 to 24 in.—45 cts. each; \$3.50 per 10

Wallufi. (New.) A dwarf growing, bright red flowered seedling of Spirea Bumalda; in luxuriant bloom from June until frost. Blooms in the same broad, graceful panicles and has the same habit of growth as Bumalda or Anthony Waterer, but does not fade to the washed out magenta or rose color as does the type. Wallufi remains red until flower is old and turns brown. Plants we offer are very bushy and shapely; ready to bloom this season.

18 to 24 in.—50 cts. each; \$4.00 per 10

24 to 30 in.—60 " " 5.00 "

TALLER SORTS—3 to 10 feet

Spirea Arguta Multiflora. (Snow Garland.) A slender shrub, 3 to 5 feet high, with branches a snowy mass of clear white flowers in early May.

18 to 24 in.—35 cts. each; \$3.00 per 10

2 to 3 feet—40 " " 3.50 "

—**Billardi.** A narrow, dense shrub 6 feet high, with dense panicles of rich pink flowers from July on.

—**Billardi Alba.** White flowered form.

Both { 2 to 3 feet—25 cts. each; \$2.00 per 10

sorts { 3 to 4 feet—30 " " 2.50 "

—**Douglasi.** Upright in growth to 7 feet, with reddish brown branches and narrow, oblong leaves. Bears spikes of beautiful deep rose-colored flowers in July.

3 to 4 feet—40 cts. each; \$3.50 per 10

**Spirea Anthony Waterer**

—**Lindleyana.** A medium growing, summer flowering white variety, on the order of S. Sorbifolia.

2 to 3 feet—40 cts. each; \$3.50 per 10

—**Opulifolia.** (Nine Bark.) Growth upright, attaining 8 to 10 feet, although the white heavy flower umbels in June make the branches droop; old flower heads turn to dark red, and make a striking variety of colors at differing stages of maturity.

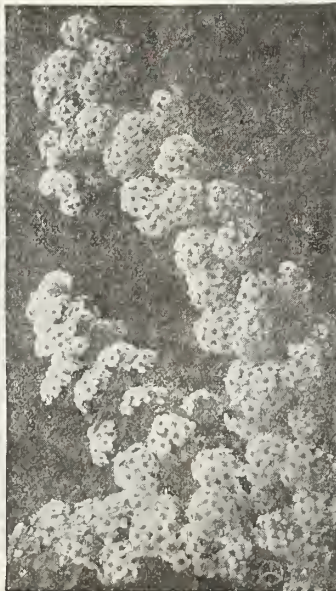
—**Opulifolia Aurea.** (Golden Spirea.) Of similar habit to above, with young foliage of bright yellow, changing to golden bronze in fall.

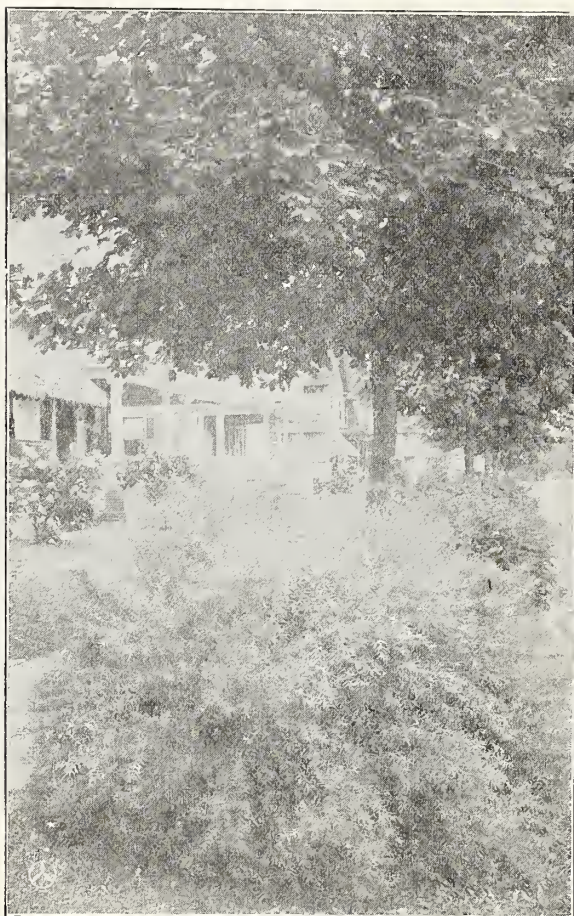
Above 2 sorts—2 to 3 feet—35 cts.; \$2.50 per 10

3 to 4 feet—40 " 3.00 "

—**Prunifolia fl. pl.** (Bridal Wreath.) Plum leaved foliage; tall growing, but will prune to any desired height. Blooms early, and is very effective with its long gracefully curving branches covered their whole length with small, double white flowers.

2 to 3 feet—45 cts. each; \$3.50 per 10

**Billardi****Arguta Multiflora****Lindleyana**

**Spirea Thunbergi**

Spirea Reevesiana. Tall and graceful, with dark bluish green lanceolate foliage; and large, pure white double flowers in May and June.

2 to 3 feet—40 cts. each; \$3.00 per 10

—**Salicifolia.** (Willow Leaved Spirea.) Grows upright to 5 feet. A charming native variety revealing still another distinct foliage type, with crowded panicles of pink flowers in mid-summer.

2 to 3 feet—35 cts. each; \$2.50 per 10

—**Sorbifolia.** (Ash-leaf Spirea.) One of the handsomest sorts from a foliage view point, and very desirable as a lawn specimen. Blooms in mid-summer with fine panicles of purest white.

2 to 3 feet—40 cts. each; \$3.00 per 10

3 to 4 feet—50 " " 4.00 "

—**Thunbergi.** Forms a dense feathery bush, 3 to 5 feet high, the foliage, which is a peculiar but pleasing shade of yellowish green, changing in autumn to bright red and orange. Flowers pure white, borne in feathery masses in early spring.

18 to 24 in.—40 cts. each; \$3.00 per 10

2 to 3 feet—45 " " 3.50 "

—**Tomentosa.** Grows upright 3 to 4 feet, with brown felty branches, and attractive dark green leaves densely coated on under side with yellowish or gray down. Flowers deep pink; in slender, dense spikes up to 8 inches long.

2 to 3 feet—40 cts. each; \$3.00 per 10



Spirea Van Houtte. The grandest of all the Spireas, and one of the very best of all shrubs; a complete fountain of pure white bloom in May and June.

2 to 3 feet—30 cts.; \$2.00 per 10; \$16.00 per 100

3 to 4 feet—35 " 3.00 " 25.00 "

Mail size, 15 cts.

STEPHANANDRA FLEXUOSA. Branches angular, even zig-zagged, with handsome deep lobed foliage which colors to purplish red; and paniced racemes of white flowers in June.

2 to 3 feet—40 cts. each; \$3.00 per 10

SYMPHORICARPUS. 3 to 5 feet. Highly valued for use in densely shaded situations and for the beauty of their persistent fruits.

—**Racemosus.** (Snowberry.) Inconspicuous, rose colored flowers in June and July; followed by large, clustered, milk white fruits which remain far into winter. The combination of pink flowers and white berries on the same twig is charming.

2 to 3 feet—35 cts.; \$2.50 per 10; \$20.00 per 100

3 to 4 feet—40 " 3.50 " 30.00 "

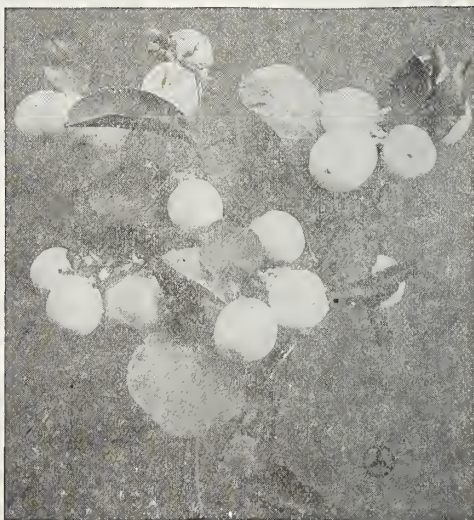
Mail size, 15 cts. each.

—**Vulgaris.** (Indian Currant.) Similar to the Snowberry except that its fruits are red, and that the smaller red berries cluster in thick ropes along the weighed-down stems.

18 to 24 in.—30 cts. each; \$2.00 per 10; \$15.00 per 100

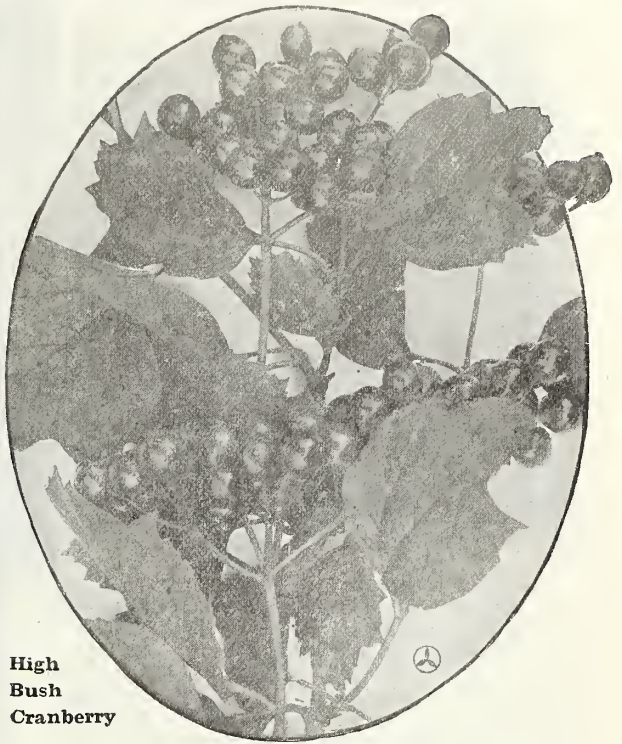
2 to 3 feet—35 " " 2.50 " 20.00 "

Mail size, 15 cts. each.

**Snowberries**



Flower Spray of Tamarix Hispida

High
Bush
Cranberry

TAMARIX. Tall growing shrubs, 8 to 12 feet high, with fine feathery foliage like that of the Juniper; small, usually pink flowers from April on. Splendid for seaside planting or other damp places.

—**Africana.** Bright pink panicles; reddish bark.

—**Gallica.** Nearly white flowers; leaves bluish green.

—**Hispida Aestevalis.** Glaucoous green foliage similar to Odessana, but denser. Flowers are a deeper pearl pink, in magnificent terminal panicles made up compactly of numerous dense racemes about 3 inches long. Aug.-Sept. 2 to 3 ft.—35 cts. each; \$3.00 per 10

—**Odessana.** (Caspian Tamarix.) 4 to 6 feet. Exquisitely feathered foliage of silvery green, blooming in July and August with large loose panicles of lavender-pink flowers. Dwarfier growing, more bushy and spreading than the others.

—**Tetandra Purpurea.** Extra long, wand-like sprays; foliage dull green.

Unless noted—All Tamarix—3 to 4 feet—35 cts. each; \$2.50 per 10. Mail size, 15 cts. each.

VIBURNUM. A showy group of shrubs ranging from 5 to 12 feet in height, blooming lavishly in Spring, and vividly brightening the Autumn aspect with gleaming fruits and richly colored foliage.

—**Cassinoides.** Broad, flat topped panicles of creamy white in early summer, followed by pink berries which change to blue. 2 to 3 ft., 50 cts. each; \$4.00 per 10

—**Dentatum.** (Arrow-wood.) 8 to 12 feet. Bright green, heart-shaped leaves turning to purple and red; May and June flowers of creamy white, in flat cymes; the fruits blue black. 2 to 3 ft.—35 cts. each; \$3.00 per 10

—**Lantana.** (Wayfaring Tree.) 10 to 15 feet. Beautiful wrinkled, Lantana-like leaves; white flowered in May and June. Fruits color unequally from crimson to black, causing a most charming combination of colors throughout the summer. 2 to 3 feet—35 cts. each; \$3.00 per 10

—**Opulus.** (High Bush Cranberry). 8 to 10 feet. Handsome, dense, brilliant green foliage; a rich

setting for large bunches of crimson berries which enliven the late summer and persist on bare branches.
2 to 3 feet—35 cts. each; \$3.00 per 10 { Mail size,
3 to 4 " 45 " " 3.50 " { 15 cts. each



**Japan Snowball**

Viburnum Sterilis. ("Snowball.") The common Snowball which helps out so bravely on Decoration Day, with its lovely white balls of bloom.

2 to 3 feet—30 cts. each; \$2.50 per 10

3 to 4 feet—40 " " 3.50 "

—**Plicatum.** (Japan Snowball.) Erect, compact, growing 6 to 8 feet, with purple tinted corrugated foliage; a solid mass of white in June.

2 to 3 feet—40 cts. each; \$3.50 per 10

3 to 4 feet—50 " " 4.50 "

Weigela. Beautiful shrubs that bloom in May, June and July. The flowers are produced in so great profusion as almost entirely to hide the foliage. They are very desirable for the border or for grouping, and as specimen plants for the lawn.

—**Abel Carriere.** Of all the hybrid Weigelas, this is one of the finest, growing to be a tall shrub in time. It blooms during May and June with great quantities of rose-carmine flowers with yellow spot in the throat.

2 to 3 feet—35 cts. each; \$3.00 per 10

3 to 4 " 40 " " 3.50 "

**Weigela Nana Variegata****Weigela Candida**

—**Candida.** 4 to 6 feet; a choice variety blooming in great profusion during June, and to some extent all summer. Pure white.

3 to 4 feet—40 cts. each; \$3.50 per 10

—**Chameleon.** Very useful at Memorial Day, with its long sprays of beautiful rose colored bells.

2 to 3 feet—35 cts. each; \$3.00 per 10

3 to 4 feet—40 " " 3.50 "

—**Desboisi.** One of the darkest and best of the rose colored sorts. 3 to 4 feet—35 cts. each; \$3.00 per 10

—**Eva Rathke.** The most distinct and one of the most attractive varieties; flowers deep carmine red.

2 to 3 feet—50 cts. each; \$4.00 per 10

—**Floribunda.** A June blooming variety of tall growth; bright with small but numerous flowers, cinnabarred in the bud and crimson when opened.

2 to 3 feet—35 cts. each; \$3.00 per 10

3 to 4 feet—40 " " 3.50 "

—**Groenwegeni.** Dense bush form with a vast amount of rich bloom. Delicate color ranging from blush pink to bright rose; is extremely attractive.

3 to 4 feet—35 cts. each; \$3.00 per 10

—**Hendersoni.** One of the strongest growing varieties with large flowers of deep rose.

2 to 3 feet—35 cts. each; \$3.00 per 10

3 to 4 " 40 " " 3.50 "

—**Lutea.** Small, bright yellow flowers in terminal racemes during midsummer.

2 to 3 feet—35 cts. each; \$3.00 per 10

—**Rosea.** This is one of the most popular of all the Weigelas; a tall growing, vigorous sort with deep pink flowers in the greatest profusion during June, and more sparsely at intervals throughout the summer.

2 to 3 feet—40 cts. each; \$3.00 per 10

—**Rosea Nana Variegata.** Leaves broadly margined creamy white; flowers pink. Dwarf. This variety is one of the most useful variegated leaved shrubs; and when the doubled beauty of bloom and foliage occurs, it is almost without a peer.

18 to 24 in.—35 cts. each; \$3.00 per 10

—**Van Houtte.** Flowers broad and flat, deep rosy red with orange markings in throat.

2 to 3 feet—35 cts. each; \$3.00 per 10

3 to 4 feet—40 " " 3.50 "

**A Weigela Bush in Bloom**

HARDY ORNAMENTAL CLIMBING VINES 151

The hardy vines are a great boon to home-makers because the rapidity of their growth will in one season do much to overcome that appearance of "newness" so painfully evident in a newly built settlement; and long before trees and shrubs have become well established, will transform the general effect into one of homely comfort and affectionate care.

Except noted, all two year Vines, 25 cts. each; \$2.00 per 10. Mail size, 15 cts.

Akebia Quinata. A perfectly hardy, fast growing Japan vine, with magnificent foliage, producing flowers in large clusters, of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandas, the foliage never being attacked by insects.



Ampelopsis Veitchi or "Boston Ivy"

Ampelopsis Quinquifolia. (American Ivy, Woodbine, Virginia Creeper, etc.) Deeply cut leaves which turn to a beautiful crimson in fall; fine for covering trees, rocky slopes, walls, etc. 2 year, 20 cts. each; \$1.50 per 10

—**Englemanni.** Similar to above, but with smaller, denser foliage.

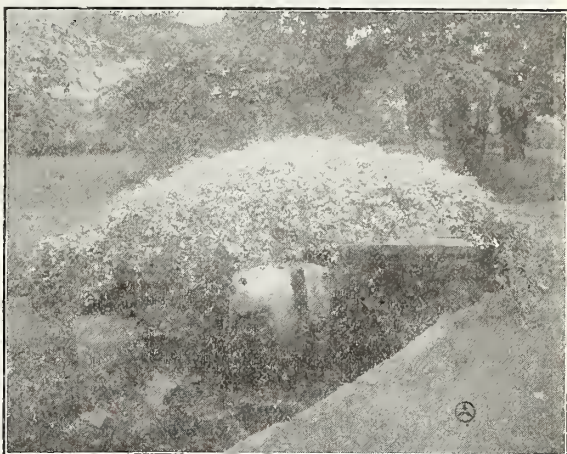
—**Veitchi.** (Boston Ivy.) This is one of the finest hardy climbers we have for covering walls, as it clings firmly to the smoothest surface, covering closely with over-lapping foliage, giving the appearance of shingles. The color is a fresh deep green in summer, changing to the brightest shades of crimson and yellow in autumn.

2 year, 35 cts. each; \$3.00 per 10; \$20.00 per 100
Mail size, 15 cts. each; \$1.25 per 10

Bignonia Radicans. (Trumpet Flower.) A robust woody vine; twining tightly with numerous roots along its stems. Its orange scarlet, trumpet shaped flowers cluster at the tip of the branches. Leaves light green. Will climb to great heights on trunks of trees, and for every purpose is one of the most ornamental, both as to foliage and flowers, among vines.

Celastrus Scandens. (Bittersweet.) Handsome, glossy foliage and large clusters of beautiful, orange crimson fruits retained all winter. Its graceful sprays of berries make charming winter house decorations.

—**Articulata.** (Japanese Bittersweet.) Very vigorous, woody climber with broad, almost circular leaves. Showy panicles of small flowers and brilliant clusters of orange-red flowers. 2-year, 40 cts.; \$3.00 per 10



Clematis Paniculata

CLEMATIS. In this superb family of hardy climbers, the following four varieties have flowers 5 to 7 inches in diameter. They are grand for pillars and trellises and delight in rich soil and a sunny situation.

—**Henryi.** Creamy white.

—**Jackmani.** Velvety, violet-purple.

—**Mad. Ed. Andre.** Crimson-red.

—**Ramona.** Deep sky blue. { By mail,
2 year—50 cts. each; \$4.50 per 10 } 60 cts. each

—**Coccinea.** A very handsome hardy climber, bearing small thick, bell-shaped flowers of bright coral-red, in wonderful profusion from June until frost. Mail size, 25 cts. each.

—**Paniculata.** (Sweet-scented Japan Clematis.) The flowers are of medium size, fragrant, pure white, borne in immense sheets in September, when very few other vines are in bloom.

2 year—25 cts. each; \$2.00 per 10 { Mail size, 15 cts.
Strong 3 yr.—30 cts.; \$2.50 per 10 \$1.25 per 10





Halleana Honeysuckle

Euonymus Radicans. One of the finest evergreen vines, with small, rich green foliage, and pink fruits in cells which separate and expose the scarlet arils. For covering rocky banks, rough walls, tree-trunks, etc., also for vases, baskets and borders of beds. 12 to 15 inch (bushy) 30 cts. each; \$2.50 per 10

—**Variegata.** Foliage edged with creamy white, which takes on a pinkish tinge in winter. 15 to 18 in.—35 cts.; \$2.50 per 10. Mail size, 15 cts.

—**Carrierei.** A low, climbing shrub with spreading branches, with short shiny leaves larger and more pointed than Radicans. 18 to 24 in.—45 cts. each; \$3.50 per 10

Kudzu Vine. (*Pueraria Thunbergiana*.) Large foliage and dense shade, growing 50 feet in one season. Flowers plentiful in August; rosy-purple, pea-shaped—in small racemes. 30 cts. each; \$2.50 per 10

LONICERA. (Honeysuckle.) Their vining qualities are all that can be desired, but the delightful fragrance of their flowers makes their strongest bid for favor. The Honeysuckle perfume is remembered and loved throughout the world.

—**Aurea Reticulata.** (Golden-leaved Honeysuckle.) Flowers yellow and fragrant. 30 cts. each; \$2.50 per 10. Mail size, 15 cts.

—**Belgica.** (Monthly Fragrant.) One of the prettiest, with numerous sprays of red and yellow. 35 cts. each; \$3.00 per 10.

—**Halleana.** Color, an intermingling of white and yellow; extremely fragrant and most satisfactory. This variety is most often found growing on porch trellises or used as a covering for un-

sightly fences. 30 cts. each; \$2.50 per 10. Mail size, 15 cts.

—**Japonica.** (Chinese Twining.) Flowers nearly white, distinct. 30 cts. each; \$2.50 per 10. Mail size, 15 cts.

—**Sempervirens.** (Scarlet Trumpet Honeysuckle.) Trumpet-shaped flowers of bright scarlet. 2 year—35 cts. each; \$3.00 per 10.

Lycium Chinense. (Chinese Matrimony Vine.) A general utility hardy climbing vine that will overcome any obstacle to growth and flourish everywhere. Every new shoot produces handsome purple flowers and later a prodigious crop of scarlet berries nearly an inch long.

30 cts. each; \$2.00 per 10

Periploca Graeca. (Silk Vine.) A rapid-growing beautiful climber, with glossy green lanceolate foliage. Fine for arbors or trellises. Strong 2 year, 30 cts. each; \$2.00 per 10; Mail size, 15 cts. each.

WISTARIA. One of the handsomest subjects for use on pergolas, porches and trellises; with attractive foliage and magnificent dense, drooping clusters of pea-shaped flowers, crowning the top.

—**Sinensis.** Blue. Panicles about 12 inches long. 2-year, 50 cts.; \$4.00 per 10; 3-year, \$1.00; \$8.50 per 10.

—**Alba.** White. 2-year, 60 cts.; \$5.00 per 10; 3-year, \$1.00; \$8.50 per 10.

—**Magnifica.** Lavender-purple. 2-year, 35 cts.; \$3.00 per 10.

—**Multijuga.** (Japanese Wistaria.) Very strong growing, with immense flower racemes one to three feet long; light purple. 2-year, 50 cts. each; \$4.00 per 10.



Chinese Wistaria

SHRUBS FOR SPECIAL PURPOSES

153

SHRUBS FOR SHADY PLACES

Azalea Mollis.	Indian Currants.	Rugosa Roses.
Barberries.	Mahonia.	Snowberries.
Dwarf Deutzias.	Privet.	Witch Hazel.
Dogwoods.	Rhododendrons.	

SHRUBS AND TREES FOR WET PLACES

Alders.	Deciduous Cypress	Lindera Benzoin.
Buckthorn.	Dogwoods.	Tamarix.
Chokeberries.	Elders.	Willows.

SHRUBS AND TREES HAVING ATTRACTIVE BERRIES

Barberries.	Elaeagnus.	Mountain Ash.
Bird Cherry.	Elders.	Myrica Cerifera.
Bittersweet.	Bush Honeysuckles.	Rhodotypus.
Callicarpa Purpurea.	Indian Currants.	Snowberries.
Chokeberries.	Japan Quince.	Sumac.
Dogwoods.	Lindera Benzoin.	Viburnums.
Elaeagnus Longipes.		

SHRUBS HAVING COLORED OR VARIEGATED FOLIAGE

GOLDEN FOLIAGE	SILVER FOLIAGE	RED AND PURPLE FOLIAGE.
Cornus Gouchalti.	Althea Variegated Leaf.	Japan Maples.
Golden Elder.	Cornus Elegantisima Var.	Prunus Pissardi.
Golden Hop Tree.	Var. Japan Corchorus.	Purple Barberry.
Golden Spirea.	Russian Olive.	Purple Beech.
Golden Syringa.	Sambucus Variegata.	Purple Filbert.
Rhodotypus.	Silver Thorn.	
	Weigela Rosea Nana Var.	

RED FLOWERS

Althea—Double Red.
" Single Red.
Calycanthus.
Cydonia Japonica.
Tart. Red Honeysuckle.
Lilac—Rothomagensis.
" Chas. Joly.
" Jean Bart.
" Lorraine.
" L. Spaeth.
Spirea—A. Waterer.
" Walluffi.
Weigela—A. Carriere.
" Eva Rathke.
" Floribunda.
" Van Houtte.
Trumpet Vine.
Clematis—Coccinea.
" Mad. Andre.
Hskl.—Scarlet Trumpet.

YELLOW FLOWERS

Azalea Mollis.	Forsythias.
Barberry.	Kerria.
Caragana.	Potentilla.
Colutea.	Weigela Lutea.
Cornus Mas.	
Cytisus.	

*Most of the others are white, with a large percent pink; a few blue, purple, etc.

The beautiful new Welch's Variegated Cornus belongs in all three sections.

HEDGES AND SCREENS

THE HEDGE. Modern home-makers are planting hedges in lieu of the discarded fence, at little extra cost, and vast increase of sightliness. Hedges are equally effective for protection and separation, besides being a delight to the eye.

There are numerous shrubs specially adapted to this purpose, from which we shall submit just a few of the most popular and trustworthy.

CALIFORNIA PRIVET. For a cropped, formal hedge, the various Privets are most easily handled, and of them, the California Privet, or Ligustrum Ovalifolium, is used in by far the greatest proportion. Although not hardy in many localities of the Northwestern States, there is no reason why they should not do well in most sections of the entire Middle West and other Northern States. Spring is preferable for planting, although thousands are safely started in the Fall. Care should be taken in preparing the ground. Dig out a trench about 2 feet deep and wide as needed. If the soil is good and rich, it may be replaced; but if of doubtful quality, mix in some better. Apply about three inches of rotted manure or an equivalent in commercial fertilizer, and mix the entire heap thoroughly before returning to the trench. If the plants are to be in a single row, set them about 12 inches apart; if in a double row, about 18 inches apart each way and alternately. The single row is very effective, but naturally the double row makes a wider and denser hedge. No matter how strong the plants, cut back severely at planting; and covering the branches a little above the crown, makes for density. Trimming should commence after the plants are well established; in Spring before the buds swell, again in July, and sometimes after unusually strong growth, later in Summer.

BARBERRY. Barberry hedges are not so stiff as Privet and require less trimming; the natural growth being rounded, dense and attractively fluffy. The common green sort, Berberis Vulgaris, and the purple-leaved, or B. Purpurea, are fine subjects; but Thunbergi is the favorite. Its branches are very fully covered with little round, maiden-hair-like leaves of bright rich green, which in Autumn take on a brilliant red color. Large bright red berries also appear in the Fall, and brighten the stems far into Winter. Small thorns afford ample protection against trampling and breakage. Plant 12 to 15 inches apart.

CYDONIA JAPONICA. (Japan Quince.) Plant 15 to 18 inches apart. A very hardy shapely growing plant, which will succeed in almost any soil.

RHAMNUS CATHARTICUS. (Buckthorn.) The dark foliage-masses of this dense, twiggy bush are relieved by masses of attractive white flowers in June and July. They are followed by showy black fruits. Plant 12 inches apart.

OSAGE ORANGE. This makes strong hedges, high enough for shelter and ideal for turning stock. Plant 10 inches apart.

UPRIGHT HONEYSUCKLES. These shrubs are attractive for their pretty flowers, fragrance and Fall berries; the foliage being at all times clean and bright. Plant 15 to 18 inches apart.

RUGOSA AND BRIAR ROSES. Although conforming to regular formation and uniform growth, a hedge of these shrubs have an air of wildness and unhampered freedom, inexpressibly charming. The foliage is dark and lustrous, and free from insect or fungus attacks; while the great single and semi-double flowers appear in riotous profusion and impregnate the air with their haunting fragrance. The red berries which follow are bright spots in the landscape during Autumn and Winter. There are various sorts in distinct colors; thus allowing a studied mixture of color which is very striking. Plant 18 inches apart.

SPIREA VAN HOUTTE. Few shrubs retain their attractive foliage throughout the year so well as this sort. In Spring, or about Memorial day, a hedge of Van Houtte is a perfect fountain of pure white bloom. Plant 18 inches apart.

PHILADELPHUS. The sweet-scented Syringa, Philadelphia, or "Mock-Orange," conform to pruning and may be kept at any desired height for a high hedge; and furnish one of the choicest classes of shrubs for this purpose. Plant 18 inches apart.

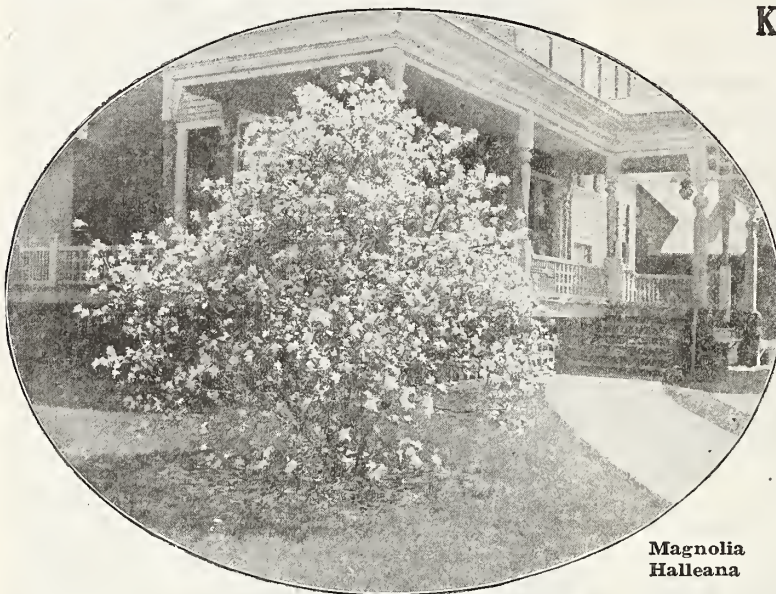
ASSORTED SHRUBS. A studied assortment of the taller growing shrubs, planted with regard to color and foliage contrast and differing blooming seasons, affords a most thrilling opportunity for genuine pleasure and artistic show. See pages 136 to 150 for selection and prices.

PRICE OF HEDGE PLANTS.

	Per 10	Per 100
Barberry—European and Purple,		
18 to 24 inches.....	\$1 50	\$12 00
2 to 3 feet.....	2 00	15 00
" Thunbergi, 15 to 18 inches....	1 50	12 00
18 to 24 inches.....	2 00	14 00
Cydonia Japonica—18 to 24 inches....	1 50	10 00
Osage Orange—15 to 18 in., per M, \$3.50.....		60
18 to 24 in., per M, \$4.50.....		80
Honey Locust—12 to 18 in., per M, \$8.00.....	70	1 00
Privet—Hardy Amurensis, 15 to 18 inches.....	1 00	5 00
18 to 24 inches.....	35	8 00
" California, 12 to 15 in., per M, \$18.....	2 00	2 50
15 to 18 in., per M, \$22.....	80	4 00
" 18 to 24 in., per M, \$35.....	1 25	6 00
" 2 to 2½ feet.....	70	5 00
Ibota, 15 to 18 inches.....	1 00	8 00
18 to 24 inches.....	1 25	8 00
Rhamnus Catharticus—1½ to 2 feet....	2 00	12 00
2 to 3 feet.....	3 00	25 00
Upright Honeysuckles—2 to 3 feet.....	1 25	10 00
Spirea Van Houtte—18 to 24 inches....	2 00	16 00
2 to 3 feet.....	3 00	20 00
Philadelphus—2 to 3 feet.....	3 50	30 00
3 to 4 feet.....	3 50	20 00
Rosa Rugosa, 2 year field grown.....	2 00	17 00
" Setigera.....	2 00	18 00
" Carolina.....	2 00	18 00
" Lucida.....	2 00	18 00

IMPORTED TREES, SHRUBS AND VINES

The following articles of Nursery Stock are offered strictly on condition that our importations arrive from Europe in good condition and proper season.



**Magnolia
Halleana**

MAGNOLIAS

Large showy white, pink and purple flowers cover the trees in early spring before the leaves appear.

Strong bushy trees well set with buds, with original ball of earth.

Alba Superba. (Conspicua.) Superb pure white flowers. 3 to 4 feet, \$2.00 each.

Halleana. (Stellata.) A pretty dwarf form that opens its snowy, semi-double flowers in April; earlier than any other. 2 to 3 feet, \$2.00.

Lennei. A hybrid variety of great beauty, the flowers of a deep rose-color; foliage tropical and heavy. 4 to 5 feet, \$2.00.

Soulangeana. One of the hardiest and finest. Its blossoms are from 3 to 5 inches across, cup-shaped, white and rosy violet. 4 to 5 feet, \$2.00.

Speciosa. Flowers a trifle smaller and lighter colored than Soulangeana's; opening about a week later and remaining perfect longer. 4 to 5 feet, \$2.00.

AZALEA

In early spring, the Azaleas are resplendent with bloom; and make the most gorgeous show of color to be found among the deciduous shrubs.

—**Mollis.** Great trusses of large flowers colored in many shades of red, yellow, white and orange. Fine bushy plants full of buds.

15 to 18 in.—50 cts. each.

18 to 24 in.—75 cts. each.

—**Pontica.** (Ghent Azalea.) A splendid assortment of hybrids averaging a little larger in size and showing greater diversity of color shades than other Azaleas. Delightfully fragrant. Choice named varieties, well set with flower buds. 18 to 24 inches, \$1.00 each.

"DUTCH PIPE"

Aristolochia Sipho. Brownish flowers, resembling a miniature pipe. This is an ideal vine for situations requiring dense shade. Splendid for archways or verandas. The leaves are very large, broad and closely laid; deeply green, and vine grows rapidly. 2 year, 4 ft. stems, 50 cts. each.

KALMIA LATIFOLIA

(Mountain Laurel or Calico Bush)

Second only to the Rhododendrons among the broad-leaved evergreens. Its quaintly formed rosy-white buds and flowers cluster in great trusses and contrast finely with the shining, dark leaves. Even small plants are gay with them. Especially impressive in masses but make a brave show as separate specimens. Strong plants well filled with buds:

18 to 24 in.—\$1.00 each.

24 to 30 in.— 1.50 "

JAPAN MAPLES

There is not a dwarf tree in cultivation which can compare with the Japanese Maple for grace and beauty. Grows best in partially shaded situations and in rich, well-drained soil; rarely over 10 feet.

Acer Polymorphum Atropurpureum. (Red.)—
2 to 3 ft., \$1.25; 3 to 4 ft., \$1.75.

Acer Poly. Dissectum Atropurpureum. (Cutleaved.)
—1½ to 2 ft., \$1.25; 2 to 3 ft., \$1.75.

BOXWOOD

Most extensively used of the Evergreen Shrubs, for indoor, porch and lawn decoration. Our stock is of fine quality, shipped with the original ball of earth, either with or without tubs.

BUSH SHAPED

Without Tubs. Each.	Per 10	IN TUBS.	
		Carefully tubbed in heavy green tubs. Each.	Per Pair.
12 inch	\$.50		
		Per Pair.	
18 "	.85	1.50	
24 "	1.50	2.50	
30 "	2.50	4.50	
		30 "	3.50 6.50

PYRAMID SHAPED

Without Tubs. Each.	Per Pair.	In Tubs.	
		Each.	Per Pair.
30 inch	\$2.00	\$3.50	\$2.75 \$5.00
36 "	3.00	5.00	3.75 7.00
42 "	4.00	7.00	4.75 8.50
48 "	5.00	9.00	5.75 10.50
54 "	6.00	11.00	7.00 13.00

GLOBE SHAPED

Perfect globe-shaped specimens, 18x18 inches, for \$3.50 each; \$6.00 per pair. Furnished in tubs. \$4.50 each; \$8.00 per pair.

RHODODENDRONS (Rose Bay)

Magnificent, highly colored bloom in May and June; the great leathery leaves evergreen throughout the winter. They will grow in any good soil, but are finest in a somewhat sheltered situation, where the soil is deep, well drained and mulched with leaves. In hot, dry weather **soak** the ground—say about once a week.

—**Grafted sorts.** Strong and bushy, well budded.

18 to 24 in.—\$1.35 each; \$12.00 per 10

24 to 30 in.— 1.75 " 15.00 "

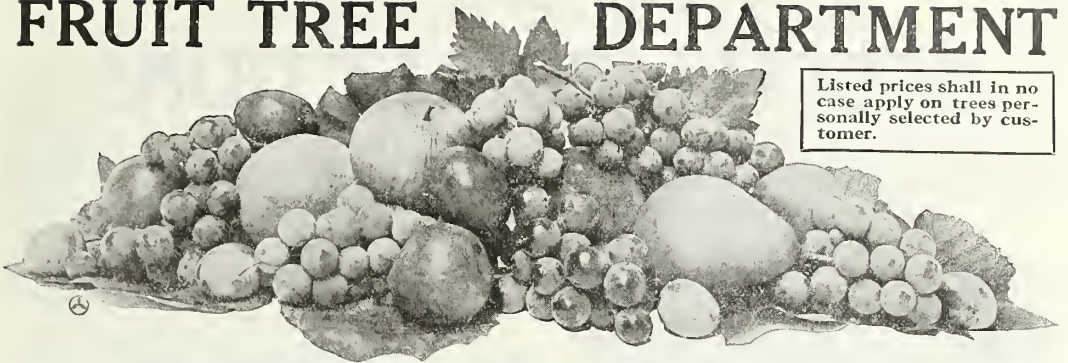
30 to 36 in.— 2.50 " 22.50 "

—**Seedlings.** Strong and bushy, well budded.

18 to 24 in.—\$1.00 each; \$7.50 per 10

24 to 30 in.— 1.25 " 10.00 "

FRUIT TREE DEPARTMENT



Listed prices shall in no case apply on trees personally selected by customer.

Stock. We do not specialize on any one line of fruit trees, but aim to grow and offer as complete an assortment in practical, profitable, tried-and-true varieties of all kinds of fruit trees and small fruits, as can be found anywhere in the country. We devote several hundred acres to their propagation, and count them in millions.

Filling Orders. We are in position to fill orders for stock in this department as soon as this catalogue reaches you. If your order is accompanied by at least 25 per cent of full amount, we will at once assemble the fruit or other trees then in storage, and "set aside" under your name until the date set or weather conditions permit, for shipping. Naturally, stock not "in cellar" must await suitable digging weather.

SUBSTITUTION. We reserve the right, in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)—unless the party ordering says "No Substituting;" in which case we will fill order as completely as we can and refund balance of remittance.

Shipments. We have the largest frost-proof storage cellars in the business, which every winter harbor an immens amount of perfectly kept stock. We can load under their cover and on our private switch, car-load shipments at any time without danger of injury to stock. But less-car-load shipments must naturally wait the breaking up of severe winter. No nursery provides better materials or greater care in packing than ours. Just as early as we can safely let them go, early delivery orders are rushed out; and we work hundreds of men day and night to avoid unnecessary delay for our customers. In choosing between Express and Mail, take into consideration that we can send stronger stock, more securely packed and delivered in better condition by Express. However you want it sent, always give full and explicit shipping directions.

BY MAIL. Stock offered "Mail Size" will be delivered prepaid to your post-office. All one year old trees, vines, etc., well rooted, cut back to suitable size, guaranteed to reach you in good condition. With proper treatment are almost certain to live and do well. Those wishing to plant small lots, make small investments, to save freight or express charges on long distance shipments, to plant young thrifty stock and train according to their own requirements, will find this size admirably suited to their needs.

Terms. Net cash with order. No discounts allowed. 5 at 10 rates, 25 at 100 rates, but if remittance amounts to \$25 and up, everything at lowest rate quoted, except at 1000 rates orders must be for 250 or more. REMEMBER THAT WE EMPLOY NO AGENTS, and are responsible only for orders sent to us through the mail or delivered in person.

DESCRIPTIVE CATALOGUE No. 1. A complete new edition of one of the most comprehensive nursery catalogues published, profusely illustrated with half tone cuts made from photographs of desirable specimens, containing 112 pages, giving full description of Fruit and Ornamental Trees, Small Fruits, Grapevines, Shrubs, Roses, etc., directions for planting, etc., will be mailed on receipt of 10 cents.

Non-Warranty. While we hold ourselves in readiness, on proper proof, to replace free of charge all trees, etc., that may prove untrue to label, or refund the amount paid, we give no warranty expressed or implied as to description, quality, productiveness or any other matter of any Nursery stock, seeds, bulbs or plants we sell.

Our Guarantee. All goods are guaranteed to reach you in good condition; mistakes, if made, will be promptly rectified; examine and count on receipt and notify us at once should there be any errors or damaged stock. This guarantee not good unless above requirements are complied with. Remember a tree, shrub or plant is a living organism, as much as a cow, horse or man. It breathes; drinks and feeds and is liable to attacks of disease and insects. At prices we sell, it is impossible for us to guarantee growth or to be responsible for stock after delivery to our customers in good condition. THE STORRS & HARRISON CO., Painesville, Ohio.

GRADE. Please understand that "grade" and "class" refer to size. It would be very expensive and almost impossible to sort fruit trees to an exact height; they are therefore given a flexible grade, such as 3 to 4 feet, etc. When we list medium grade Apples as 4 to 5 feet, we are allowed one foot for variation. If you should order the maximum of five feet, the grade would change to first class, which is 5 to 7 feet, at a higher rate.

CERTIFICATE OF INSPECTION, issued annually by the Ohio Dept. of Agriculture, showing freedom of our stock from San Jose Scale and other injurious insects and disease, will be attached to every shipment.

BY FREIGHT OR EXPRESS. Every article not specially priced "Mail size" is priced for delivery by Freight or Express, packed free, but customer to pay transportation charges. All heavy trees in large amounts should be sent by freight if time is not too urgent, as the carrying charge is much less; and our perfect packing admits a long journey without injury to the trees. For shipments of medium weight, would suggest express delivery; thus avoiding by quick delivery, the suspense attending the slower freight.

QUOTATIONS. We will be pleased to quote prices to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted.

SPRAYING. The best time to spray, and the best formulas to use, vary so much in different localities that we do not try to give tables and formulas in this catalogue. Bulletins can be obtained of your State Agricultural Experiment Station, that will give full information.

(Signed) THE STORRS & HARRISON CO.



SPECIAL COLLECTIONS

Appreciating the fact that many of our customers who desire to plant small lots for home use are not well acquainted with the different varieties, and that we always have a surplus of good sorts on hand, we offer the following collections, our choice of varieties, all to be labeled to name and our regular high grade of stock.

ALL COLLECTIONS DELIVERED AT EXPRESS OFFICE HERE

COLLECTION F { 1 Summer, 1 Fall, 3 Winter Apples.
1 Summer, 1 Fall Dwarf Pear.
1 Sweet, 1 Sour Cherry.
1 Quince. 3 Peach. 2 Plums.
All 1st size stock for \$4.25, or medium size for \$3.25.

COLLECTION G { 1 Summer, 2 Fall, 6 Winter Apples.
1 Summer, 1 Fall, 1 Winter Standard Pears.
1 Sweet, 3 Sour Cherries.
1 Quince. 3 Plums. 8 Peach.
All 1st size stock for \$7.10, or medium size for \$5.50.

COLLECTION H This collection is designed to meet the requirements of the many owners of small lots who desire a mixed assortment of fruit and ornamentals.

2 Apple. 1 Cherry.
1 Dwarf Pear. 1 Plum.
2 Spirea Van Houtte.
1 Philadelphus (Mock Orange).
2 Clematis Paniculata.
2 Peach. 6 Currants.
3 Gooseberries. 1 Forsythia.
12 Raspberries. 2 Barberry.
2 Grapevines. 1 Hydrangea P. G.
1st size stock for \$5.00.
Medium size stock for \$3.75.

FOR
\$1

OUR PARCELS POST DOLLAR SETS

We will send any one of the following collections, Postage Paid

Unless named in collections, choice of varieties must be left with us. Everything will be plainly labeled, and nothing but strong, well-rooted one-year stock sent. When ordering, name the number only of collections.

Set No. 32. 1 each Banana Apple, Worden Pear, Niagara Peach, Monarch Plum and Montmorency Cherry.

Set No. 33. 2 each: St. John, Prolific, Engel, Elberta, Stearns and Beers Peach trees.

Set No. 34. 15 Concord Grapevines or 12 Grapes, our choice, in 4 varieties.

Set No. 35. 6 each: Kansas, Plum Farmer, Cumberland, Eaton, Cuthbert and St. Regis Raspberries.

Set No. 36. 2 Grape Vines, 10 Raspberries and 10 Blackberries.

Set No. 37. 10 each: Glen Mary, Parsons, Sample Wm. Belt, Dunlap and Gandy Strawberries.

Set No. 38. 10 Lucretia Dewberries, and 20 Blackberries: (5 each: Ohmer, Blowers, Mersereau and Ward.)

Set No. 39. 10 American Chestnut, 1 each: English Filbert, Japan Walnut, Black Walnut and Butternut.

Set No. 40. Evergreens: 1 Norway Spruce, 1 American, 1 Hovey's Golden and 1 Pyramidal Arbor Vitae, 1 Irish Juniper and 1 Retinispora.

A cross (X) following description of any Fruit Tree indicates it is not offered by mail.

APPLES

Those varieties preceded by a star (*) are the Russian and hardier kinds.

PRICE OF APPLES.

Each Per 10 Per 100

Standard Varieties—

5 to 7 feet.....	\$.40	\$3.50	\$25.00
4 to 5 feet.....	.35	3.00	20.00
3 to 4 feet.....	.25	2.00	16.00

Special—Alexander, Baxter, Black Ben, Chenango, Golden Russet, Greenville, Ontario, Red Astrachan, Red Beitigheimer, Red June, Rox Russett and Yellow Bellflower.

5 to 7 feet.....	.45	4.00	30.00
4 to 5 feet.....	.35	3.00	25.00

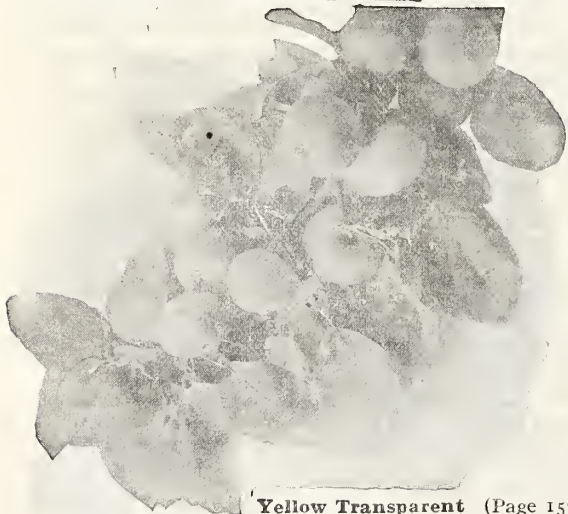
Special—Delicious, Canada Red, Jonathan, Newtown Pippin, Opalescent, Spitzenburg and Yellow Transparent.

5 to 7 feet.....	.50	4.50	35.00
4 to 5 feet.....	.40	3.50	30.00

CRAB APPLES, 5 to 7 feet..... .45 3.50
" " 4 to 5 feet..... .40 3.00

All above, Mail Size, except noted, 20 cts., 6 for \$1.00.

DWARF APPLES (X): Baldwin, Duchesse of Oldenburg, McIntosh, Red Astrachan, Banana, Delicious, Fameuse, Grimes Golden, King, Maiden Blush, No. Spy, Rambo, Wealthy and Yellow Transparent, only..... .50 4.00 35.00



Yellow Transparent (Page 157)

SUMMER APPLES

- ✓ **Bough.** Large pale yellow; tender, sweet.
 ✓ **Early Harvest.** Medium, pale yellow, tender, juicy.
 ✓ **Golden Sweet.** Large, pale yellow, very sweet.
 ✓ ***Red Astrachan.** Large, beautiful deep crimson.
Red June. Small, deep red. (X)
 ✓ ***Tetofsky.** Medium, yellow, striped red, acid.
 ✓ ***Yellow Transparent.** Earliest and best; white, tender, juicy, sprightly, sub-acid.

AUTUMN APPLES

- ✓ ***Alexander.** (Emperor Alexander, Russian Emperor, etc.) A large, beautiful red apple. (X)
 ✓ ***Beitigheimer.** Large, yellow, heavily shaded red; flesh white, juicy with a brisk sub-acid flavor.
 ✓ **Chenango.** Large, striped red, fine quality. (X)



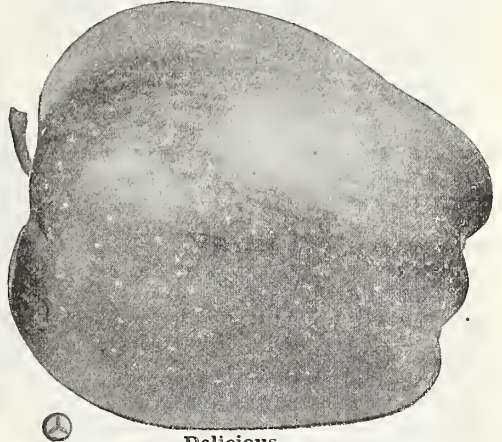
Duchesse of Oldenburg

- ✓ ***Duchesse of Oldenburg.** Good size, yellow, streaked red, juicy, rich, sub-acid, productive.
Fall Pippin. Large, yellow, rich, aromatic.
Gravenstein. Large, striped, fine quality, one of the best fall sorts.
 ✓ **Late Strawberry.** Tender, juicy, productive.
Maiden Blush. Large, beautiful, blush cheek.
Munson Sweet. Good size, yellow, red cheek.
Rambo. Medium, yellow, streaked red.
Western Beauty. Large, shaded bright red on pale yellow; crisp, tender, mild, sub-acid.

WINTER APPLES

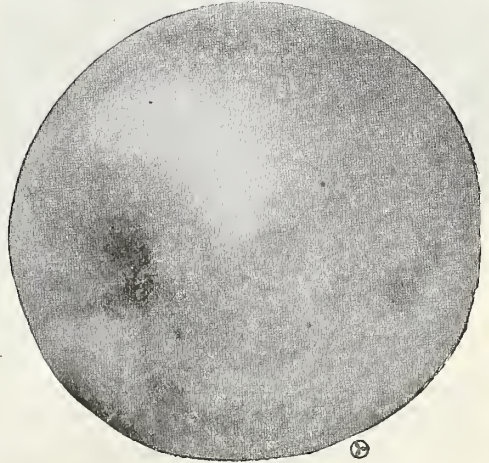
- Arkansas Black.** Large, deep red.
Baldwin. Large, bright red, crisp, juicy, rich.
Banana. Fine, vigorous grower, large healthy foliage, early bearer. Fruit medium to large, smooth and handsome, golden yellow usually shaded bright crimson; flesh fine grained, rich, sub-acid, aromatic, highest quality. One of the best dessert apples.
 ✓ ***Baxter.** A strong, vigorous grower, immensely productive, very hardy. Fruit uniformly large, handsome, showy red, mild acid, fine quality. Mail size, 25 cts. each; 5 for \$1.00.
Ben Davis. Large, handsome, striped, valuable.
Black Ben. Brilliant and attractive, in size and color intermediate between Jonathan and Ben Davis. (X)
 ✓ ***Boiken.** Annual bearer, perfect foliage, vigorous grower. Fair size, yellow, tart acid, long keeper; at its best in spring when it is unexcelled for cooking.

- ✓ **Boskoop.** Large yellow, shaded red, crisp, tender, juicy.
 ✓ **Canada Red.** Large uniform; yellow overpread with deep red; crisp, juicy, extra quality. (X)



Delicious

- ✓ **Delicious.** A remarkable variety rapidly taking first rank both for commercial and home orchards. No new variety has ever so quickly gained popularity in so many different apple sections of our country. Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp and melting, juicy with a delightful aroma; of very highest quality. A splendid shipper. Tree one of the hardiest, a vigorous grower, with good foliage. A regular annual bearer. Mail size, 25 cts.; 5 for \$1.00.
 ✓ **Dominie.** (Winter Rambo.) Large, greenish yellow, striped red; flesh white, tender and juicy.
 ✓ **Fallwater.** Large, yellowish green, productive.
 ✓ ***Fameuse.** (Snow.) Medium, deep crimson, flesh white, of best quality. Mail size, 25 cts each; 5 for \$1.00.
 ✓ ***Gano.** An improved Ben Davis, nearly covered with deep, dark red.
 ✓ ***Gideon.** Vigorous, early and prolific bearer. Medium golden yellow; fine, juicy, sub-acid.
Golden Russet. Medium, dull russet, crisp, juicy.
 ✓ ***Greenville.** Seedling of Maiden Blush, which it resembles, but is a winter variety.



Grimes

- ✓ ***Grimes.** Good size, yellow, of highest quality, very productive.
Hubbardston. Large, red, striped, tender, juicy.

WINTER APPLES (Continued)

Jonathan. Medium, red, extra quality. Mail size, 25 cts., 5 for \$1.00.

***McIntosh.** Medium, deep crimson, highest quality, juicy, sub-acid. Mail size, 25 cts., 5 for \$1.00.

Newtown Pippin. Large, yellow or green, highest quality for dessert and excellent for culinary use. (X)

Northern Spy. Large, striped, mild sub-acid and tender, with a rich, delicious flavor.

***Northwestern.** (Greening.) Hardy, yellow; rich, of good size, extra long keeper.

***Ontario.** Large, yellow, nearly covered with bright red, juicy, sub-acid. Mail size, 25 cts., 5 for \$1.00.

Opalescent. Probably the handsomest apple ever put on the market. Color light, shading to very dark crimson; skin smooth; susceptible of a very high polish reflecting objects like a mirror; flesh yellowish, tender, juicy and good. Dec. to March. Mail size, 25 cts.; 5 for \$1.00.

Paragon. (Mammoth Black Twig.) Large, dark red, hardy and productive, vigorous grower.

Rhode Island Greening. Large, greenish yellow, tender, juicy, rich, acid. The old reliable winter cooking apple, and also good for dessert.

Rome Beauty. Large, yellow, shaded red; tender, juicy, sub-acid. A leader in Ohio River district.

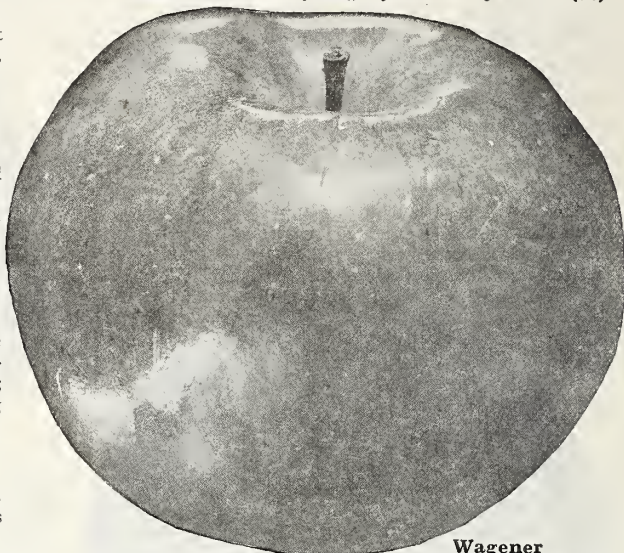
Rox Russett. Medium good quality, an excellent keeper. (X)

Spitzenburg. The standard of excellence for apple of the Baldwin class. Large, rich, yellow covered with bright red. (X)

Stark. Large, striped light and red, juicy, mild, sub-acid. An early and abundant bearer.

Tompkins King. Unusually large, red and striped, exceedingly productive.

Twenty Ounce. Very large, yellow, striped red. (X)

**Wagener**

Wagener. Good size, deep red in the sun; flesh firm, sub-acid, excellent. One of the earliest bearers and an all-round good apple.

***Wealthy.** Few varieties that are at once so hardy and so productive yield fruit of such good quality, —white-fleshed, juicy and vinous. It is a handsome fruit of medium size, smooth, round and deep red. Its handsome appearance and fine quality insure it ready sale in market. October to January.

Winesap. Medium, deep red; firm, crisp, rich, sub-acid. Widely cultivated.

Winter Paradise. Large; creamy, rosy cheeked, sweet.

***Wolf River.** Large, handsome; yellow shaded, and striped red, juicy, pleasant spicy flavor.

York Imperial. (Johnson's Fine Winter.) Medium to large; yellow, shaded red; firm, juicy, sub-acid. An excellent shipping apple.

Yellow Bellflower. Large, pale yellow, tender, fine grained, crisp, juicy, sub-acid. (X)

CRAB APPLES

For preserving, jellies and ornament. All are unequaled for cider or vinegar. The trees are noted for their hardiness and vigor and usually bear the second season after planting.

Hyslop. Large; deep crimson; one of the most beautiful of Crabs; very popular. Oct. to Jan.

Martha. Beautiful, glossy yellow, shaded bright red, good size, mild, clear, tart. Oct.

Transcendent. Immensely productive, bright red, one of the most popular. Sept. and Oct.

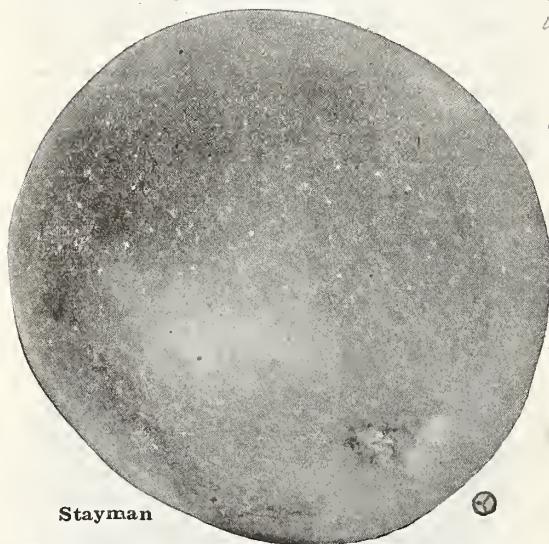
Whitney. One of the largest, glossy green, splashed carmine, firm, juicy, pleasant, great bearer; excellent for cider. August.

Yellow Siberian. Large, beautiful, golden yellow. Sept. and Oct.

DWARF APPLES (X)

Very productive, usually commence bearing the second year after planting. Excellently adapted to yard and small gardens. Can furnish: Baldwin, Banana, Delicious, Fameuse, Grimes, King, Maiden Blush, No. Spy, Rambo, Duchesse, McIntosh, Red Astrachan, Wealthy and Yellow Transparent—only.

Too heavy to mail, must be sent by Express or Freight. 50 cts. each; \$4.00 per 10; \$35.00 per 100

**Stayman**

Stayman Winesap. Larger and more prolific than Winesap. One of the finest grown for appearance, flavor and juiciness; a favorite for cider.

Sutton. Handsome, yellow, striped crimson, flesh tender, juicy, sub-acid, good quality, keeps well.

Tolman. Medium, yellow and red, rich. Sweet. The most valuable apple for baking, and fine for other culinary purposes.



PEARS

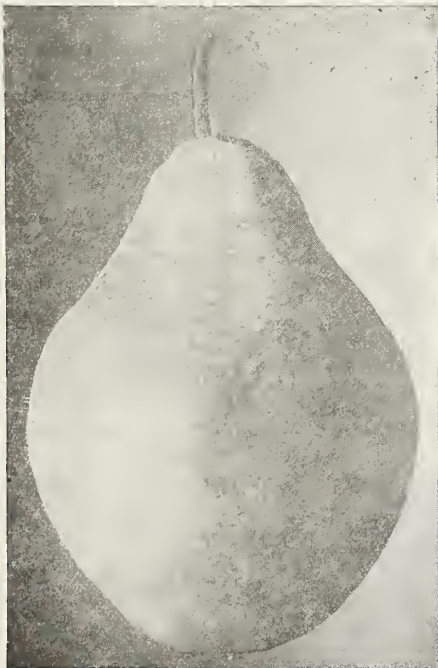
The pear tree will grow on almost any good soil, but thrives best in a rather heavy clay or loam. Standards are best for permanent orchards, dwarfs for fruit-gardens or small lots. Dwarfs must be planted deep enough to cover the junction of pear and quince 2 or 3 inches.

Our pear trees are grown on heavy clay soil, especially well adapted to the production of strong, vigorous stock. No better trees can be grown.

All can be supplied as **standards**, and all varieties starred (*) can also be supplied as **dwarf**.

PRICE OF PEARS.		Each	Per 10	Per 100
Standard —General List,	5 to 7 ft.	\$.50	\$4.00	\$30.00
"	" " 4 to 5 ft.	.40	3.00	20.00
"	Worden, 5 to 6 feet...	.60	5.00	....
"	" 4 to 5 feet...	.50	4.00	30.00
"	Bosc (X), strong			
"	'top-worked, 5 to 7 feet.	1.00	8.00	....
	" 4 to 5 feet.	.75	6.50	....
Dwarf Pears,	4 to 5 feet.....	.40	3.00	20.00
"	" 3 to 4 feet.....	.30	2.50	15.00

Mail Size, Standard and Dwarf, unless noted, 35 cts. each; 3 for \$1.00.



Bartlett



Clapp

SUMMER

✓ ***Bartlett.** Large, buttery, juicy, high-flavored, great bearer. This sort has long been considered one of the choicest canning varieties, as well as a favorite for all other uses. Aug. and Sept.

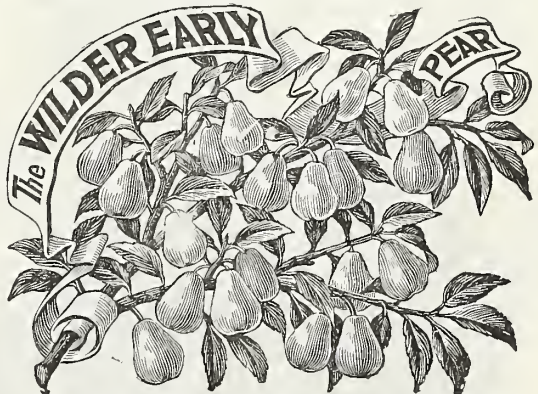
✓ ***Clapp.** Very large, yellow and dull red, with russet specks, melting, rich. August.

✓ **Doyenne d'Ete.** A beautiful small pear, of delicious flavor, hardy and productive, Early Aug.

✓ **Early Harvest.** Good size and color, fair quality. The best early variety in the south. July.

✓ ***Koonce.** Medium, yellow with carmine cheek. A profitable early market variety. July.

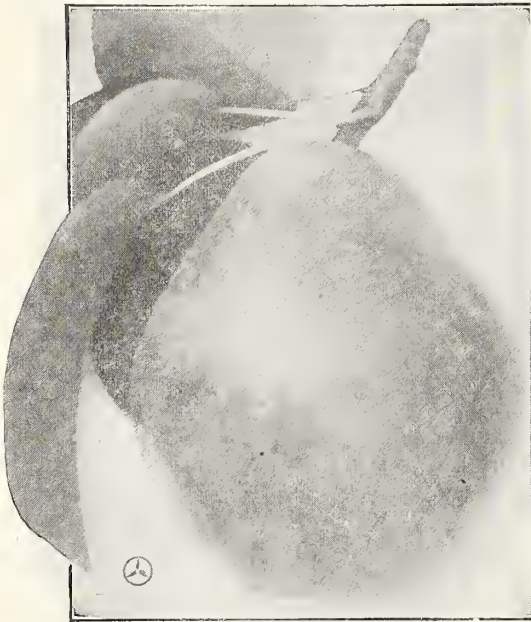
✓ ***Tyson.** Medium, melting, juicy, good. Aug.



✓ ***Wilder.** Small to medium, yellow, shaded carmine, fine grained, tender, sub-acid. Vigorous grower, early and annual bearer, very productive, good quality. Early Aug.

AUTUMN

✓ ***Anjou.** Large, buttery, melting, rich, vinous. The best late fall and early winter variety. Oct. to Jan.



Flemish

AUTUMN PEARS (Continued)

✓ **Clairgeau.** Its large size, early bearing, productiveness and great beauty make this one of the most valuable market sorts. Oct. and Nov.

✓ ***Columbia.** A cross between Bartlett and Seckel, combining the best qualities of each. Tree vigorous, hardy and productive. Fruit good sized, rich quality, high color, handsome and good. Sept. and Oct.

✓ ***Duchesse (of Angouleme).** Very large, buttery, rich, juicy, excellent. It succeeds to perfection and is the most popular market variety as a dwarf. Oct. and Nov.

✓ ***Flemish.** Large, juicy, rich; one of the hardiest and most popular. Sept. and Oct.

✓ **Garber.** One of the Japan Hybrids; earlier and larger than Kieffer; hardy, productive, early bearer. Sept. and Oct.

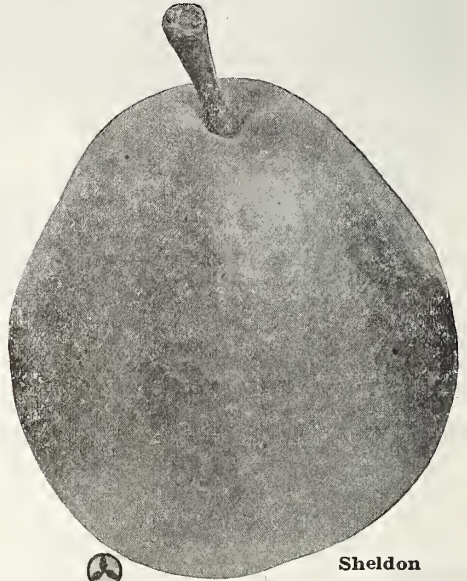
✓ ***Howell.** Large, yellow, with red cheek, rich, sweet, melting, early bearer, productive. Sept. and Oct.

✓ ***Kieffer.** Its large size, handsome appearance, and remarkable keeping and shipping qualities make it very profitable for market. Oct. and Nov.

✓ ***Louise.** (Louise Bonne de Jersey.) Good size, greenish yellow, with a bright red cheek. Sept.-Oct.

✓ ***Rossney.** Ripens about two weeks after Bartlett, averaging larger; creamy skin with crimson blush; flesh melting, juicy, sweet and tender, of superior flavor. A vigorous grower, hardy both in wood and fruit bud, and very productive.

✓ ***Seckel.** Small; skin rich yellowish brown, when fully ripe, with deep brownish red cheek; flesh very fine grained, sweet, exceedingly juicy, melting, buttery; one of the richest and highest flavored pears known. Equally popular for dessert and pickling. Tree a moderate grower. Sept. and Oct.



Sheldon

✓ **Sheldon.** Medium size; yellow, with a richly shaded cheek; flesh a little coarse, melting, juicy, with a very brisk, vinous, highly perfumed flavor; of first quality. Tree vigorous, hardy and productive. Oct.

✓ ***Vermont Beauty.** Tree hardy and vigorous, and abundant bearer. Fruit medium yellow with red cheek; rich, juicy, best quality. Oct.

✓ ***Worden.** A seedling of the Seckel. Equal in quality to its famous parent, which it much resembles in flavor, while in size, color, form and appearance it is decidedly superior. Hardy and an enormous bearer; fruit keeps well; retaining its quality to the last. Oct. Mail size, 35 cts.; 3 for \$1.00.

WINTER PEARS

✓ **Bosc.** Finest quality late fall and winter variety. Extra large, long and tapering; russet; good shipper, brings highest market price. A vigorous grower in the orchard. Our trees are all specially top-worked. Nov.-Dec. (X).

✓ ***Drouard.** Large, melting, juicy, with delicate perfume. Tree hardy and vigorous. Feb. to March.

✓ ***Easter.** Large, yellow with red cheek; fine quality. Dec. to Feb.

✓ ***Lawrence.** Medium, yellow with brown dots, melting, pleasant, aromatic. Nov. and Dec.

BOSC
WINTER PEAR



Napoleon

CHERRIES

The trees are naturally hardy, succeeding best on sandy or gravelly loam, well drained. Avoid low or wet ground.

Sweet varieties, grow more rapidly and make larger pyramidal trees. The **Sour** varieties are dwarf and bushy, bear earlier, and are more largely planted.

PRICE OF CHERRIES.		Each	Per 10	Per 100
Sweet, 5 to 7 feet.....		\$.50	\$4.00	\$35.00
" 4 to 5 feet.....		.40	3.50	30.00
Sour, 11-16 in. and up.....		.45	3.50	30.00
" 5-8 to 11-16 in.....		.30	2.50	20.00
" 1-2 to 5-8 in.....		.25	2.00	15.00

Mail size, 35 cts. each; 3 for \$1.00.

SWEET CHERRIES

Bing. Very large, dark brown—almost black; flesh firm, sweet, rich and delicious. One of the most profitable sorts. July.

Black Tartarian. Very large, black, juicy, rich. Last of June.

Eagle. Large, tender, juicy, rich, red-black. July.

Gov. Wood. Large, light red, juicy, rich, delicious. Tree healthy and productive. June.

Lambert. Almost jet black when fully ripe. Flesh firm, solid, rich and juicy, with sprightly flavor. Tree rugged, strong grower, hardy, enormous bearer. Late July.

Napoleon. Large, pale yellow or red; firm, juicy, sweet and productive. July.

Rockport. Large, pale amber, light red in sun, sweet, good. Tree erect; beautiful. June.

Schmidt. Immense size, deep black, flesh dark, tender, very juicy, fine flavor; productive. July.

Windsor. Fruit large, liver-colored, distinct, flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety. July.

Yellow Spanish. Large, yellow and red. June.

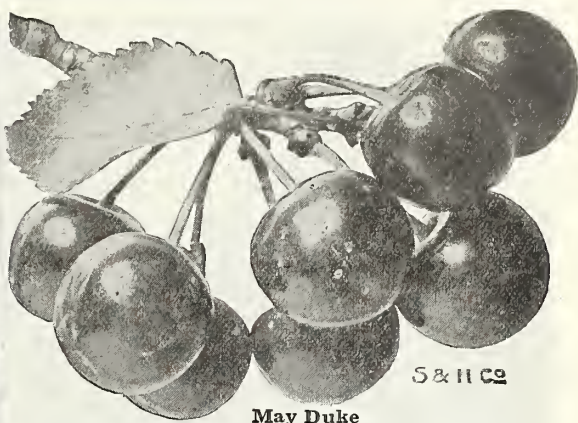
SOUR CHERRIES

Baldwin. Large, round, slightly sub-acid, sweetest and richest of the Morello type. June.

Dyehouse. A very early and sure bearer; ripens a week before Early Richmond. June.

Early Richmond. Medium, dark red, melting, juicy, sprightly, rich, acid, best. June.

English Morello. Fair size, blackish red, rich acid, juicy, good. August.



May Duke

Hortense. (Reine Hortense.) Large, bright, red, juicy; mildest and sweetest in this class. July.

Large Montmorency. Large, red, productive, ten days later than Early Richmond. Late June.

Late Duke. Large, light red. July.

May Duke. Large, red, juicy, rich. June. Not so sour as some varieties, and very pleasant for sensitive teeth.

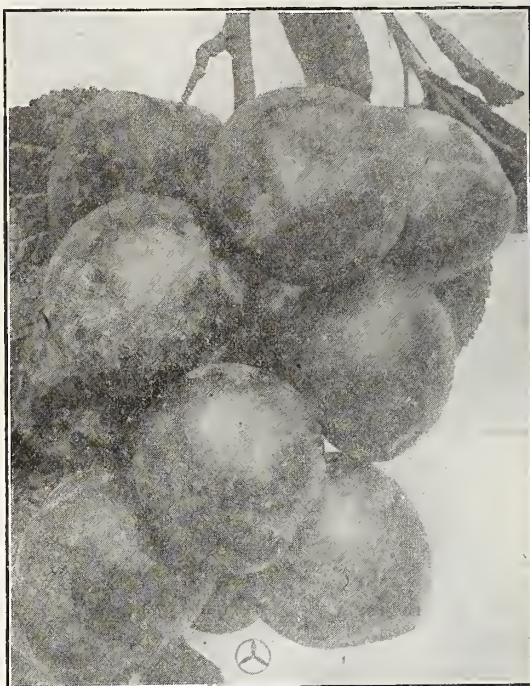
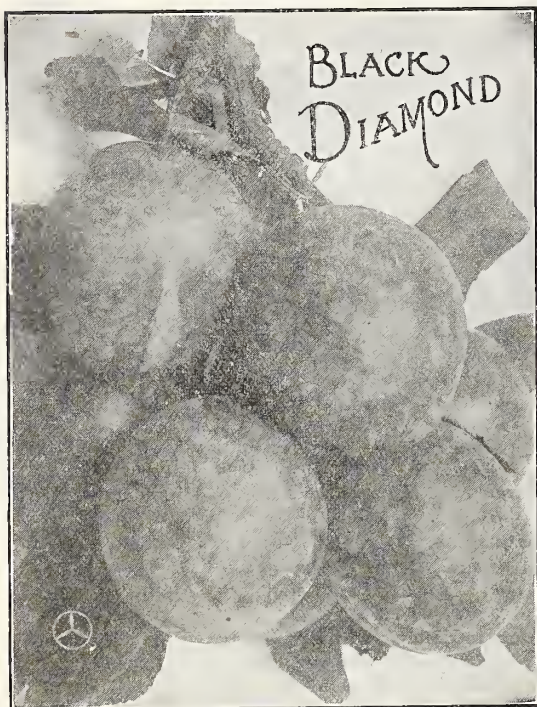
Montmorency Ordinaire. Large, red, acid, exceedingly productive. Late June.

Ostheimer. A perfectly hardy, late blooming, immensely productive variety. Large, heart-shaped, nearly black when ripe; juicy and rich. Aug.

Wragg. Very hardy, vigorous and productive, medium, dark purple, fine quality. Aug.



Black Tartarian



Monarch

PLUMS

Diseases of the plum no longer appear formidable to the energetic orchardist. Annual sprayings with Bordeaux mixture keep away leaf blight and fungus and the thinning of too heavy crops prevents fruit rot.

PRICE OF PLUMS.		Each	Per 10	Per 100
European and Japan, 5 to 7 feet...		\$.50	\$4.00	\$30.00
" " " 4 to 5 feet	40	3.00	25.00	
" " " 3 to 4 feet	30	2.50	20.00	
Chabot, Climax and Maynard—				
4 to 5 feet.....	50	4.00	.....
Native, 4 to 5 feet.....	50	4.00	.....
Pissardi and Othello, 5 to 6 feet...	60	5.00	.....
4 to 5 feet....	50	4.00	.....

Mail size, unless noted, 35 cts.; 3 for \$1.00.

EUROPEAN PLUMS

✓ **Archduke.** Large, black, prolific, valuable addition to late varieties for home use or market. Early Oct.

✓ **Arctic.** ("Moore's Arctic.") Small, purplish-black, juicy, sweet; immense bearer; one of the hardiest in bud and bloom. Sept.

✓ **Bavay.** (Green Gage.) ("Reine Claude.") Very large, greenish, fine flavor. Sept.

✓ **Bradshaw.** Large, dark red, flesh green, juicy, productive, fine for market. Aug.

✓ **Diamond.** Large magnificent plum, one of the most attractive, enormous size, dark purple with beautiful bloom. Tree vigorous, productive and hardy. Sept.



Archduke

✓ **German Prune.** Large, dark purple, sweet, good. One of the most desirable and popular for canning. Sept.

✓ **Grand Duke.** Color of Bradshaw; fruit very large, of fine quality, free from rot; very productive. Tree moderate grower. Last Sept.

✓ **Gueii.** Large bluish purple, flesh yellowish green, rather coarse; sweet, pleasant. One of the best market varieties. Sept.

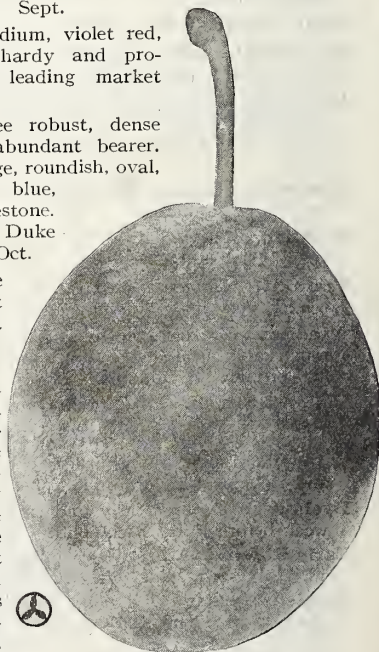
✓ **Imperial Gage.** Large, pale green, juicy, sweet, rich and excellent. Aug.

✓ **Italian Prune.** Good size, purple, juicy, delicious, fine for drying. Sept.

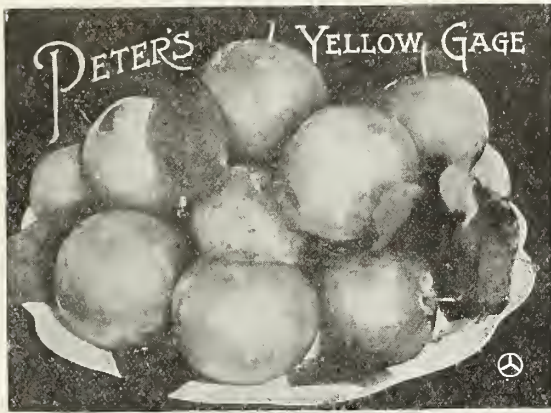
✓ **Lombard.** Medium, violet red, juicy, good, hardy and productive, the leading market variety. Aug.

✓ **Monarch.** Tree robust, dense foliage, and abundant bearer. Fruit very large, roundish, oval, dark purplish blue, perfect freestone. Follows Grand Duke in ripening. Oct.

✓ **Othello.** Tree is an upright grower, and a prolific bearer; fruit deep crimson, about one inch in diameter, ripening before the very earliest of ordinary plums. The foliage is of the most brilliant reddish purple, and holds its color throughout the season.



Grand Duke



EUROPEAN PLUMS (Continued)

- ✓ **Peters.** Large, oval, bright yellow; rich, juicy, fine quality. A good grower. Sept.
- ✓ **Pond.** A magnificent plum, red, changing to violet, one of the most attractive. Sept.
- ✓ **Pride.** ("Shipper's Pride.") Large, dark purple; very showy, often measuring 2 inches in diameter; fine, juicy and sweet. Sept.
- ✓ **Prunus Pissardi or Purple Leaved Plum.** A small sized tree with very rich purple leaves, carrying their color through the season. One of the most desirable purple leaved trees or shrubs for ornamental planting.
- ✓ **Shropshire.** Medium, dark purple, very productive; best for preserving. Oct.
- ✓ **Yellow Egg.** Very large, egg-shaped, productive, excellent for cooking. Aug.

JAPAN or ORIENTAL PLUMS

- ✓ **Abundance.** (Botan.) One of the oldest and best known Japanese varieties; hardy, productive. Fruit large, lemon yellow, with heavy bloom; good quality. Aug.
- ✓ **Burbank.** Most profitable among growers for market; ripens 10 to 14 days after Abundance. Tree hardy, sprawling, vigorous grower, unequalled in productiveness; bears young. Fruit large, excellent quality; cherry red with lilac bloom. Aug.
- ✓ **Chabot.** Medium to large; cherry red, flesh yellow, sweet, of excellent quality; very prolific; one of the best of Japan plums. Early Sept.
- ✓ **Climax.** Productive as Burbank, four times as large, two weeks earlier and higher color. Fruit large as an ordinary peach, deep dark red; skin firm; flesh yellow, sweet, rich, fruity, of fine quality.
- ✓ **Maynard.** Sturdy, strong and very rapid grower, with heavy luxuriant foliage. Fruit is very large, nearly round, color deep, dull red, thin whitish bloom. Flesh firm, melting and juicy, rich and sweet, extra fine quality. Its shipping qualities are unsurpassed. Follows Climax in ripening.
- ✓ **October Purple.** Strong, vigorous grower, said to be one of the hardiest of the Japan varieties. Productive, of good quality, a large, round, late purple plum, especially recommended for late market.



Japan Plum—Santa Rosa

- ✓ **Red June.** One of the vigorous, upright growers; productive; fair size, vermillion red; pleasant quality. Ripens a week before Abundance. Aug.
- ✓ **Santa Rosa.** Tree a strong, vigorous upright grower. Fruit uniformly large, deep purplish crimson with blue bloom; flesh purple shaded scarlet; pit small; the eating quality is unequalled, rich, fragrant, delicious; ripens with the earliest.
- ✓ **Satsuma.** (Blood.) Large, globular, with sharp point. Color, purple and red with blue bloom, flesh firm, juicy, dark red or blood color, fine quality; pit very small. Hardy and vigorous grower. Aug.
- ✓ **Wickson.** Fruit remarkably handsome, very large, long heartshaped, color deep maroon red covered with white bloom; flesh firm and meaty, yellow, rich and aromatic; cling; pit small. Tree an upright vigorous grower. Excellent keeper and shipper, planted largely for market. Early Sept.



A Branch with 21 Lombards

IMPROVED NATIVE PLUMS (X)

- ✓ **Forest Garden.** Large, nearly round, purplish red, quality good. Tree vigorous and productive. A favorite variety for both home and market.
- ✓ **Milton.** Rather large, dark red, thin skin, flesh firm, good quality. Ripens earlier than Wild Goose. Its large size, good quality and extreme earliness make it very valuable. A strong grower, productive.
- ✓ **Pottawattamie.** A strong, vigorous grower, hardy and an immense bearer; fruit large, yellow ground overspread with pink and white dots. Aug.
- ✓ **Robinson.** One of the most profitable market varieties. Very vigorous and productive. Skin yellow, nearly covered with light red, showy, ripens early.
- ✓ **Weaver.** Large, purple, blue bloom, very prolific, constant and regular bearer, good quality. Tree very hardy. Aug.
- ✓ **Wild Goose.** Fruit medium, red with blue bloom, flesh juicy and sweet. July.
- ✓ **Wyant.** Popular nativesort; large purplish-red, good quality.

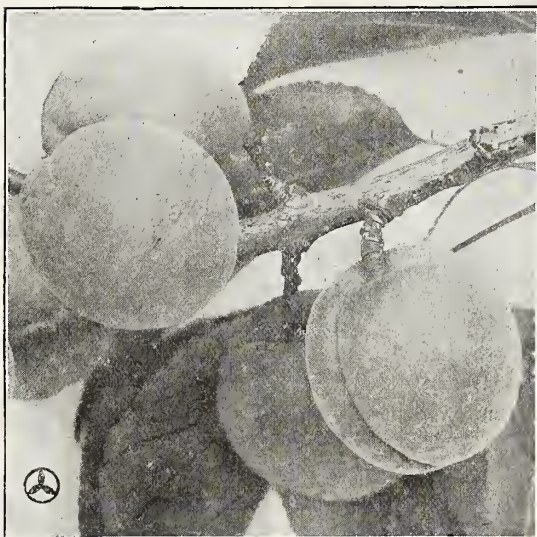
NECTARINES

PRICE OF NECTARINES.		Each	Per 10
3 to 4 feet.....		\$.50	\$4.00
2 to 3 feet.....		.40	3.50
Mail size, 35 cts.; 3 for \$1.00.			

Early Violet. Medium size; yellowish green, with a purple cheek; flesh pale green, melting, rich, and high flavored; freestone. Last of August.

Elruge. Medium size; greenish yellow, with a dark red cheek; flesh greenish white, juicy, and high flavored; excellent. Beginning of September.

APRICOTS



Apricots

Ripening as they do between Cherries and Peaches, the Apricot is a most welcome fruit, both tempting and delicious. The trees, as hardy as those of the Peach, should be planted on a northern or western exposure to prevent early blooming. They need the same treatment for curculio as the Plum.

PRICE OF APRICOTS.		Each	Per 10
4 to 5 feet.....		\$.50	\$4.00
3 to 4 feet.....		.40	3.00

Mail size, 40 cts.; 3 for \$1.00.

EUROPEAN VARIETIES

Early Golden. Small, pale orange, juicy and sweet.

Montgamet. Fruit large, round, early, deep yellow with a fine blush; flesh yellow, firm, juicy and excellent. Tree hardy, a good grower.

Moorpark. Yellow, with red cheek, juicy, sweet and rich, freestone, very productive.

Royal. Large, yellow, juicy, rich and delicious; a very fine variety.

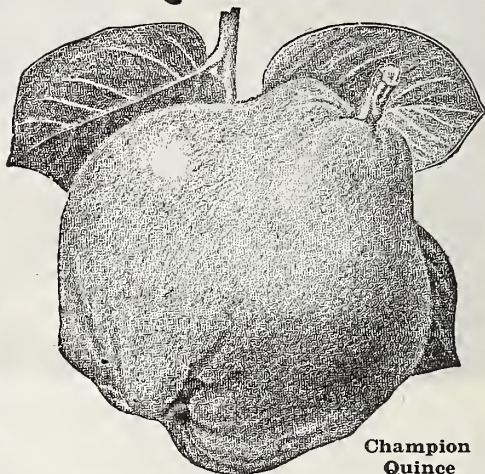
RUSSIAN VARIETIES

These are quite distinct from the European varieties, harder and will produce fruit when other Apricots fail. Recommended where peaches cannot be grown. They are all early bearers and productive.

Alexander, Alexis and Budd.

Superb. A hardy seedling from Kansas. The best flavored, most productive hardy apricot yet produced. Quality is exquisite. Medium size, light salmon color.

QUINCES



Champion Quince

PRICE OF QUINCES		Each	Per 10	Per 100
Angers, 3 to 4 feet.....		\$.30	\$2.50	\$20.00
" 2 to 3 feet.....		.25	2.00	15.00
Bourgeat and Meech, 3 to 4 feet...		.40	3.50	.....
Champion, 4 to 5 feet.....		.45	3.50	30.00
" 3 to 4 feet.....		.35	3.00	20.00
Orange, 4 to 5 feet.....		.50	4.00	35.00
" 3 to 4 feet.....		.35	3.00	25.00
Rea, 1 year.....		.40	3.50	.....

Mail size, unless noted, 40 cts.; 3 for \$1.00.

Angers. A free bearer of good sized fruit, which keeps well, but not equal in quality to the following sorts. Mail size, 20 cts.; \$1.00 for 6.

Bourgeat. A remarkably strong grower, yielding immense crops, fruiting at three and four years in nursery rows. Fruit of largest size, round, rich; golden color; smooth, very tender when cooked, has been kept until February in good condition.

Champion. A prolific and constant bearer, fruit averaging larger than the Orange, more oval in shape, quality equally fine and a long keeper; bears extremely young. Ripens late.

Meech. A vigorous grower and immensely productive. The fruit is large, lively orange yellow, of great beauty and delightful fragrance; its cooking qualities are unsurpassed.

Orange. Fruit large, bright yellow, of excellent flavor.

Rea. A seedling of the Orange, averaging much larger, of the same form and color; productive.

MULBERRIES

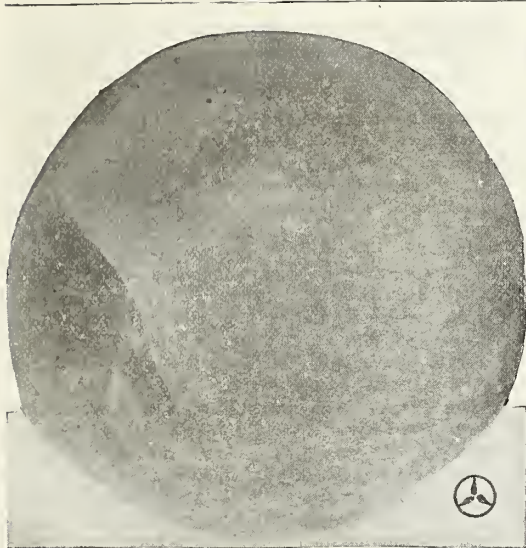
PRICE OF MULBERRIES.		Each	Per 10	Per 100
New American and Downing.				
5 to 6 feet.....		\$.85	.....	.....
4 to 5 feet.....		.70	.....	.....
Russian and White, 4 to 6 feet....		.40	\$3.00	.....
" " 3 to 4 feet....		.30	2.00	.....
" " 2 to 3 feet....		.20	1.50	.....

Downing. Very large, black, handsome, sweet, rich, and excellent. Mail size, 40 cts.; 3 for \$1.00.

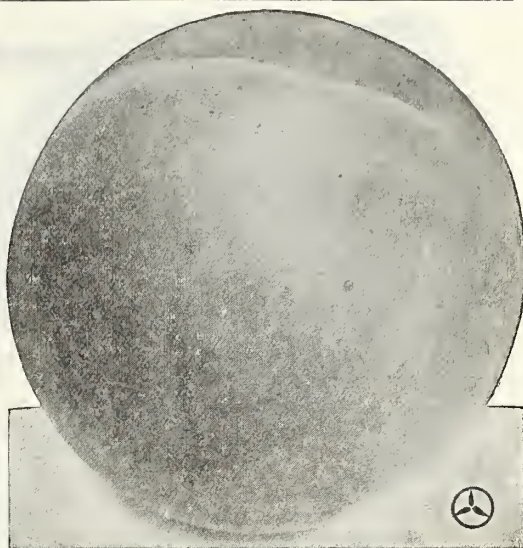
New American. Equal to Downing's in all respects and a much harder tree. Vigorous grower, very productive; the best variety for fruit; ripe from middle June to September. Mail size, 40 cts.; 3 for \$1.00.

Russian. Very hardy, vigorous grower; valuable for feeding silk worms, etc. Fruit of small size, varies in color from white to black. Mail size, 10 cts.; \$1.00 for 25; \$2.00 for 100.

White. (Morus Alba.) The common variety. Valued for feeding silk worms. (X)



Kalamazoo



Niagara (See page 166)

PEACHES

Trees are all grown from Tennessee natural pits, free from insects, perfectly healthy, well ripened wood, with splendid roots, all stored in frost-proof cellars beyond injury during the winter.

We will be pleased to quote prices on large lots on receipt of list. Those desiring trees for orchard planting should place orders early.

PRICE OF PEACHES. Each Per 10 Per 100 Per 1000

4 to 5 feet.....	\$.25	\$2.00	\$15.00	\$120.00
3 to 4 feet.....	.20	1.50	12.00	100.00
2 to 3 feet.....	.15	1.00	7.00	60.00

Hale—

4 to 5 feet.....	.30	2.50	20.00	.....
3 to 4 feet.....	.25	2.00	15.00	.....
2 to 3 feet.....	.20	1.50	12.00	.....

Mail size, except noted, 15 cts.; 8 for \$1.00.

Alexander. Medium, greenish white, nearly covered with rich red; melting, juicy, sweet. July.

Banner. Tree a good grower, bears young, is very productive. Fruit large, deep yellow with crimson cheek; flesh yellow, excellent quality, rich, firm. A profitable late market variety. Late Sept.

Barnard. Medium, yellow, juicy and rich. Hardy and productive. Early Sept.

Beers. A large, yellow flesh peach, an improvement on Smock Free, which it resembles. Ripens a few days later and is a better annual bearer. One of the most desirable and profitable market sorts.

Belle. (Belle of Georgia.) Very large; skin white with red cheek; flesh white, firm and of excellent flavor. Tree a rapid grower, very prolific; fine shipper. Ripens with Early Crawford.

Capt. Ede. A handsome, large yellow peach of excellent quality; hardy both in bud and blossom. Early September.

Carman. Large, resembles Elberta in shape; color, creamy white or pale yellow with deep blush; skin very tough, flesh tender, fine flavor and quite juicy. Aug.

Chair. Deep yellow with red cheek; firm; a few days earlier than Smock. Sept.

Champion. A large, handsome early variety, creamy white with red cheek, sweet, rich and juicy. Hardy and productive. Aug.

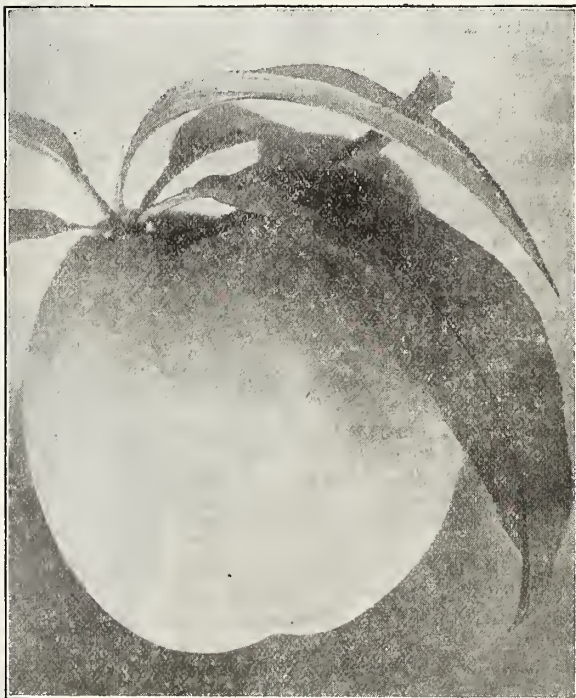
Chili. Medium, dull yellow. Extra hardy and productive. Late Sept.

Chinese Cling. Large, white, shaded red, fine quality. A favorite variety in the South. Aug.

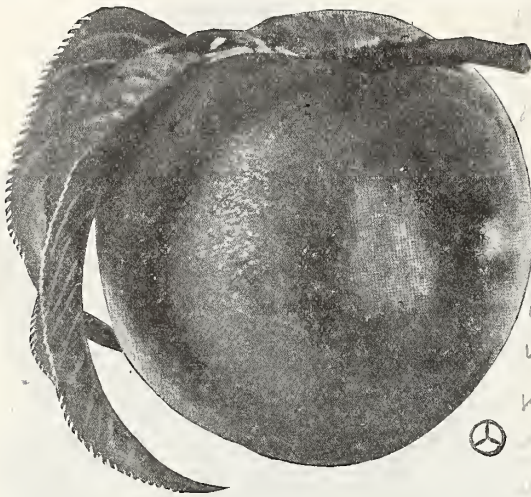
Crosby. One of the hardest, abundant bearer; medium size, bright yellow, fine quality. Middle Sept.

Dewey. Ripens with the Triumph, better form and color; hardy and productive; the earliest and best yellow freestone. July.

Early Crawford. A magnificent large yellow peach of good quality. Early in Sept.



Beers



New Hale

PEACHES (Continued)

- Elberta.** Large yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. The leading market variety. Follows Early Crawford.
- Engle.** Large, yellow; resembles Late Crawford but more productive. Sept.
- Fitzgerald.** Fruit large; brilliant color, bright yellow, suffused with red; flesh deep yellow, best quality. Sept.
- Foster.** Large, deep orange red, flesh yellow; very rich and juicy. Last of Aug.
- Globe.** Large, flesh firm, juicy, yellow; quality good, pleasant, rich, vinous and luscious. Oct.
- Golden Drop.** Medium size, hardy, very productive, good quality, early bearer. Last Sept.
- Greensboro.** Double the size of Alexander, ripening at the same time. Flesh white, juicy, and good. July.
- Hale.** Probably no new peach has ever been introduced claiming to be so much superior in all ways. It averages one-third to one-half larger than Elberta, ripens about five days earlier and is much superior in flavor. Color a beautiful golden-yellow, with deep carmine blush. It has been tested and largely planted in many sections of the country; and has proven a better shipper and more successful over a wider range, than any other known peach. Mail size, 30 cts. each; 4 for \$1.00.
- Heath.** (Cling.) Very large, flesh white, juicy and melting. Good keeper and shipper. Oct.
- Kalamazoo.** A leading market sort. Large, yellow, fine quality. Extra productive and profitable. Early Sept.
- Late Crawford.** A superb, large yellow peach. One of the best. Late Sept.
- Lemon Cling.** Large, pale yellow, dark red cheek; hardy and productive. Sept.
- Lemon Free.** Lemon-shaped and color, large size, immensely productive, excellent quality. One of if not the best for canning. Sept.
- Lewis.** Earliest white freestone. Remarkably hardy and productive. August.
- Marshall.** Large, yellow, immensely productive. Oct.
- Mathews.** Skin golden yellow, streaked with red; flesh yellow, firm, of excellent quality. Late Sept.
- Mayflower.** Carries to market in fine shape and sells well, as it is the only early peach that is well colored. A strong thrifty grower inclined to overbear, it should always be thinned. July.
- Mountain Rose.** Large, red, flesh white, juicy, excellent; one of the best. Aug.
- Niagara.** A very large yellow peach. It has been well tested and said to be the best orchard variety, surpassing both Elberta and Crawford in size, color, quality and vigor; ripens between Crawford and Elberta.
- Old Mixon Cling.** Large, yellow with red cheek; juicy, high quality. Late Sept.
- Old Mixon Free.** Large, pale yellow, deep red cheek, white flesh, tender, rich, good. Sept.
- Prolific.** Large, attractive, firm; flesh yellow, fine flavor, hardy and productive. Early Sept.
- Reeves.** Large, yellow, with red cheek; juicy, melting. A good hardy sort. Sept.
- Salway.** Large, creamy yellow, crimson red cheek, flesh deep yellow, juicy, rich, sweet. Oct.
- Smock Cling.** Large, yellow, juicy, sub-acid. Sept.
- Smock Free.** Large, yellow and red, bright yellow flesh. Valuable for market. Late Sept.
- Sneed.** Medium, white, excellent quality, productive. The earliest variety after Mayflower. July.
- Stearns.** Originated in South Haven, Michigan, and has been a most prolific grower. A perfect freestone, with yellow flesh and brilliant red skin. As a shipper it cannot be surpassed. Tree is a strong, upright grower, extremely hardy and free from disease. Considered by the introducer as the best market peach grown. Follows Elberta.
- Stevens.** Resembles an enlarged high colored Old Mixon. Hardy, exceedingly productive. Late Sept.
- Stump.** Very large white, with a bright red cheek. End of Sept.
- St. John.** Nearly as large as Crawford, fully equal in color. Fruit round, brilliant, showy; one of the earliest yellow peaches. Aug.
- Triumph.** Ripens with Alexander, blooms late, sure and abundant bearer; strong vigorous grower. Fruit good size yellow with red crimson cheek.
- Williams.** Large handsome, hardy, very productive; excellent shipper. One of the most profitable cling-stones. Mid. Sept.
- Wonderful.** A fine late market variety, similar to Beers. Late Sept.



Stearns

STRAWBERRIES

Strawberries will succeed in any soil that is adapted to ordinary farm or garden crops. Soil should be thoroughly prepared to a good depth, well drained and enriched. Vegetable manure (muck, rotten turf, wood soil, ashes, etc.) is the best. For field culture set in rows 3 to 3½ feet apart, 15 to 18 inches in rows; for garden 15 inches apart each way, leaving pathway every third row. To produce fine, large fruit, keep in hills, pinching runners off as soon as they appear. Ground should always be kept clean and well cultivated. In winter a covering of leaves, straw or some kind of litter will protect the plants. Do not cover them until ground is frozen, or so deep as to smother the plants, and remove covering before growth starts in spring. Mulching will keep the fruit clean and the soil in good condition through the fruiting season.



Perfect Flower



Imperfect Flower

The blossoms of those varieties marked with (P) are destitute of stamens and are termed "pistillate," and unless a row of perfect flowering variety is planted at intervals not exceeding about a rod, they will produce imperfect fruit and but little of it; but when properly fertilized as a rule they are more prolific than those with perfect flowers. We give representations of Bi-Sexual, or perfect flowered, and also of the Pistillate, or imperfect. Our land is especially suited to the development of strawberry plants, giving us extra fine crowns and roots, our plants weighing two or three times as much as many sent out. Our stocks are pure, each kind kept by itself and cultivated entirely for the production of plants. They are carefully graded, handled and packed, certain to give the best of satisfaction. **Dip the plants in water as soon as received, and bury the roots in moist, shady ground until you are ready to set them out; neglect for an hour or so is often fatal.**

WE SEND STRAWBERRY PLANTS BY EXPRESS OR MAIL ONLY.

EVERBEARING STRAWBERRIES

Everbearing strawberries that yielded fruit continuously from May or June until frost, have been known for a long time, but it is only recently that varieties of value have been produced. We offer, after trial of most of the leading varieties, the following two as the best of this class. **CAUTION**—To obtain the largest size and finest quality of fruit in the fall, keep flowers picked off until about the first of August.

Superb.

One of the best and most profitable of the fall bearing sorts, also yielding good crops in June on the same plants that produced fruit the previous fall. With us they outyield all other fall bearers. Plants are strong and stand the winter well after producing a heavy crop of fruit from about August 15 until November 15, according to season. Fruit is very large, round, rich, dark colored, glossy, attractive and smooth. Each berry is of good shape and ripens all over at once.

Progressive.

Not so large as Superb, but by many considered of superior quality; of good size, smooth and of good red color. The plants are vigorous and healthy, much like Dunlap, with bloom well protected by foliage. Gives good picking for as long a time as its companion Superb.

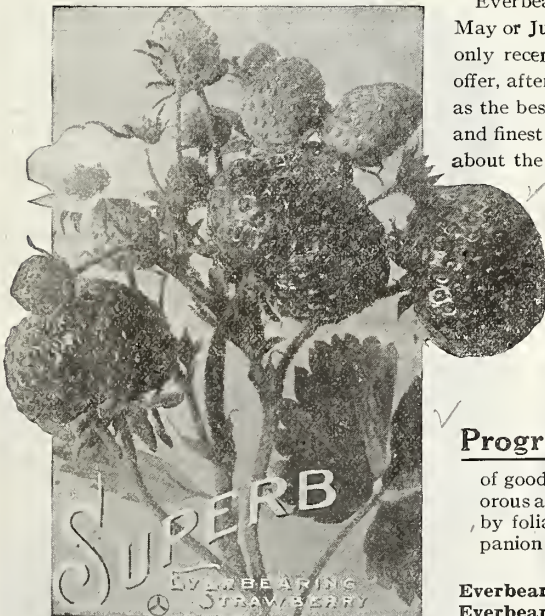
	Per 10	Per 100	Per 1000
Everbearing varieties by Express.....	\$5.50	\$1.50	\$10.00
Everbearing varieties by Mail.....	.70	1.75	.....

TWO NEW STRAWBERRIES

(We give originator's descriptions)

Messenger. A new early berry which I am now introducing for the first time. The fruit begins ripening with the early varieties and continues for a long season. The berry is of extra large size, well colored, and very firm, making it a good shipper, excellent flavor, a good market or home table berry. The plants are exceedingly vigorous—the strongest of any early berry I ever saw. The foliage is clean and healthy, almost, if not quite as rank as the Chesapeake, which it resembles very much. I believe this berry will prove a money maker to those who plant it.

Pittsville. A new mid-season variety beginning to ripen about the same time as Senator Dunlap which it resembles in some respects but is not as dark a color and is very firm, making it a good shipper. Will stay firm a long time after being picked. Has a beautiful, double, green cap. Holds its large size from first ripening until the last picking. The plant is large and healthy; very deep rooted, making it a good one to plant in dry soils. It also differs from the Senator Dunlap in size of plant as the Senator Dunlap is one of the smallest plants I grow.



STRAWBERRIES

GENERAL COLLECTION

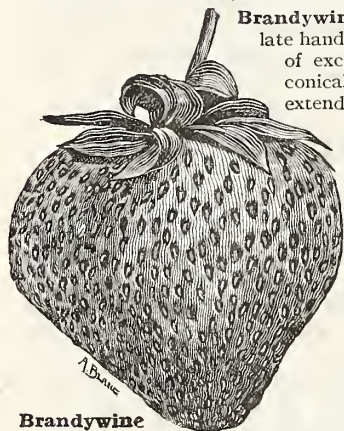
Price of Strawberries—By Express. Per 10 Per 100 Per 1000

Standard Summer-bearing Sorts—

Gandy, Glen Mary, Dunlap, Parsons, Ryckman, Sample, Stev- ens, Warfield and Wm. Belt	\$.15	\$.60	\$ 4.50
Bubach, Excelsior, Gibson, Haver- land, Jessie and Marshall . . . . .	.20	.75	5.00
Brandywine, Michel's Ey. and Joe Johnson . . . . .	.25	.85	6.00
Messenger and Pittsville . . . . .	.40	1.00	8.00

By mail—all varieties above—except noted, 25 cts.
for 10; 85 cts. for 100.

(P) means "pistillate" or imperfect flowers.
(E), (M) and (L) designate early, medium or late
fruiting season.

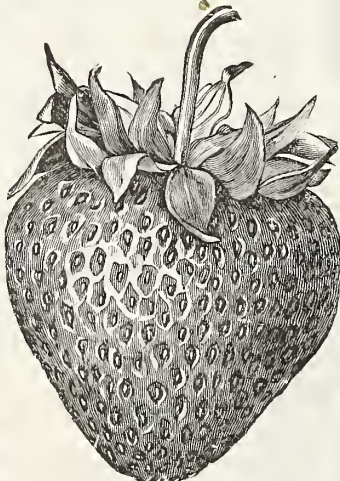


Brandywine

Brandywine. (L) A fine, large, late handsome, productive berry of excellent quality; regular conical form; dark, glossy red, extending to the center. Plant healthy, vigorous; abundant producer. By mail, 40 cts. per 10; \$1.10 per 100.

Bubach. (P) (M) Its large and uniform size, fine form and color, unsurpassed productiveness and great vigor combining to make it one of the leading market sorts. By mail, 10 for 35 cts.; 100 for \$1.00.

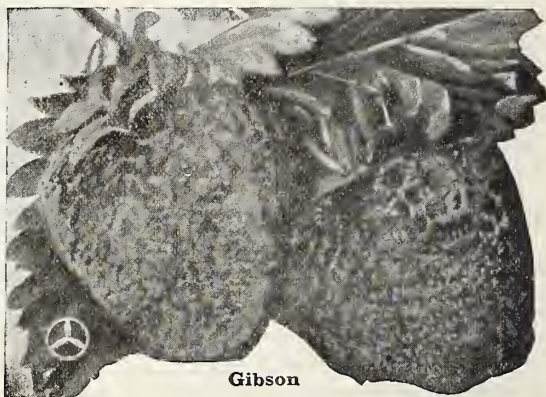
Dunlap. (E) Plant resembles Warfield, rampant runner, should be restricted in its production of plants; fully equal to Crescent and Warfield in its ability to succeed under all circumstances. Fruit good size, regular form, beautiful bright red, glossy; firm, splendid keeper and shipper, excellent quality, one of the best for canning; ripens early and continues a long time.



Dunlap

Excelsior. (E) A very early berry, noted for its productiveness and its ability to stand drought and heat. It is extensively grown for market purposes. By mail, 10 for 35 cts.; 100 for \$1.10.

Gandy. (L) Reliable late variety, berries bright crimson, very uniform in size and shape, and large firm plants; vigorous and healthy.



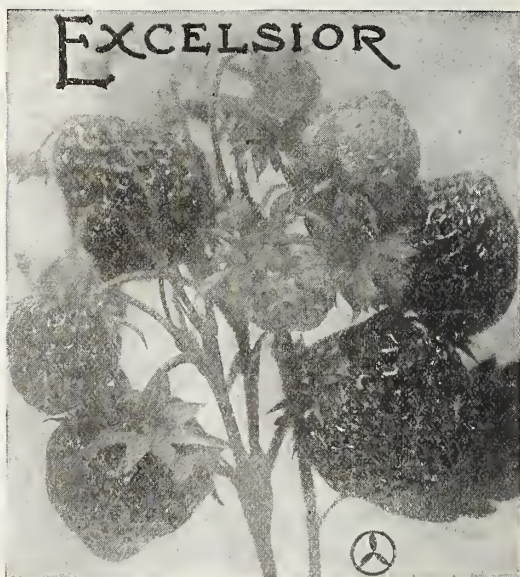
Gibson

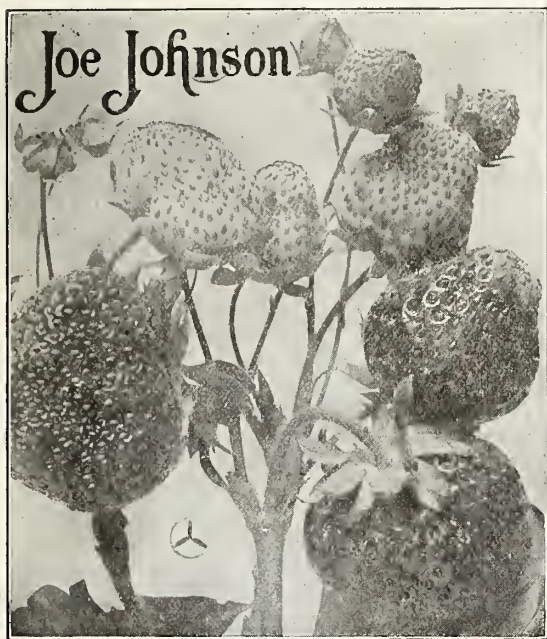
Gibson. (M) A well tested sort that has proven one of the best for both home and market and one of the most profitable berries grown. Plants are strong growers with long roots and abundant foliage, exceedingly productive. Berries extra large, dark glossy red and red clear through. Flavor as fine as can be found. By mail, 10 for 35 cts.; 100 for \$1.00.



Glen Mary

Glen Mary. (M) Berries large to very large, often flattened, bright deep red on surface, light red to center, sweet, rich, good flavor. Season medium to late. One of the most productive and holds its size well to end of season. Plant very vigorous. One of the best for home use and nearby market.





STRAWBERRIES (Continued)

Haverland. (P) (M) A fine grower, very productive. One of the leading market sorts. Berries uniform, long, medium size and quality. By mail, 35 cts. for 10; \$1.00 per 100.

Jessie. (M) A large, handsome, dark red berry; in some localities one of the best market sorts. Strongly staminate; a fine fertilizer for such varieties as Bubach. Vigorous, healthy plant. Mid-season. By mail, 10 for 35 cts.; 100 for \$1.00.

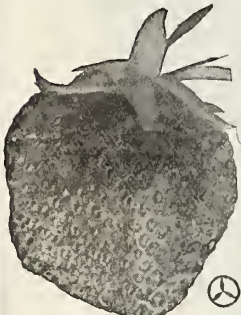
Joe Johnson. (M) Very productive of large berries, a beautiful red with bright green calyx; its beauty adding much to its market value. In flavor, it is one of the best, perfect for both table and canning; and is one of the best shipping varieties. By mail, 10 for 40 cts.; 100 for \$1.10.

Marshall. (E) An exceedingly handsome, high colored, very large berry of extra fine quality; ripening early. Plant very strong, with high culture produces heavy crops. By mail, 10 for 35 cts.; 100 for \$1.00.

Michel. (E) Plant a strong grower, in most sections productive; berries medium size, roundish, bright crimson, fair quality. One of the first berries to ripen and worthy of planting everywhere on that account. By mail, 10 for 40 cts.; 100 for \$1.10.

Parsons. (M) Makes a fine large plant, very free from rust, exceedingly productive. Berries large, bright red, conical, firm, a good shipper. Midseason. For several seasons one of the best paying sorts in this section.

Ryckman. One of the largest growing, heaviest rooted, strongest plants among strawberries. Long fruit stalks holding fruit well above ground. Very large, ripening early; beautiful light red without white tip; conical shape, fine flavor. In the front rank of strictly big berries.



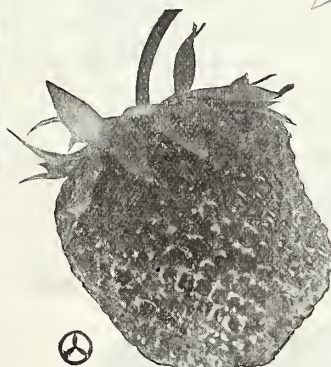
Parsons

Sample. (P) (L)

One of the very best berries and seems to succeed nearly everywhere. Plants strong, large and healthy, producing in profusion large dark colored berries of uniform size and color, firm enough to ship well. One of the standard sorts for both home and market.



Sample



Stevens

Stevens. (L) This variety makes an abundance of strong plants with good foliage that protects blossoms and fruit from frost. They are long and uniform in size; color good red, and firm enough for shipment, as it is one of the very best to hold up after picking. Its season to ripen is about the same as Gandy.

Warfield. (P) (M) Its great beauty, firmness, earliness, good flavor, productiveness and vigor make it exceedingly popular. Ripens with Crescent, and is superseding that variety for a reliable market sort. By mail, 10 for 30 cts.; 100 for \$1.00.

Wm. Belt. (M) A large, handsome, productive berry for market or home use. Vigorous, thrifty, heavy plant producing large crops under good common matted row culture. Berries extra large, conical, quite uniform in shape, brilliant glossy red, ripens all over without green tips, good quality, carries well to market and brings highest price. One of the best varieties.



Strawberries cannot safely be included in shipments by **FREIGHT**. They are invariably too long on the road, and suffer a large percent of, if not total, loss.

GRAPES

Even under unfavorable conditions the grape-vine will bear fruit, but good culture, pruning and spraying should be applied if the best quality of fruit is desired. No part of the fruit garden yields a richer harvest than the vineyard. Along almost any garden fence or walk there is room for vines enough to furnish luscious grapes from July to November. In such situations they may be planted about 8 feet apart. In vineyard rows, set the vines 6 to 10 feet apart, with 8 feet of space between the rows. Make the soil mellow, and plant the vines somewhat deeper than they stood in the nursery. Paper bags slipped over the clusters as soon as they have formed are a good protection from fungus, insects, birds, etc.

We have a heavy stock of splendidly rooted, first-class vines on hand. Write for special prices on large lots.

SPECIAL GRAPE COLLECTIONS

We offer the following collection of **five best standard sorts: Concord, Moore's Early, Delaware, Niagara and Worden**, all strong well-rooted vines that should give an abundance of their delicious fruit wherever grapes can be grown.

BY MAIL POSTAGE PAID

THE
BIG
5

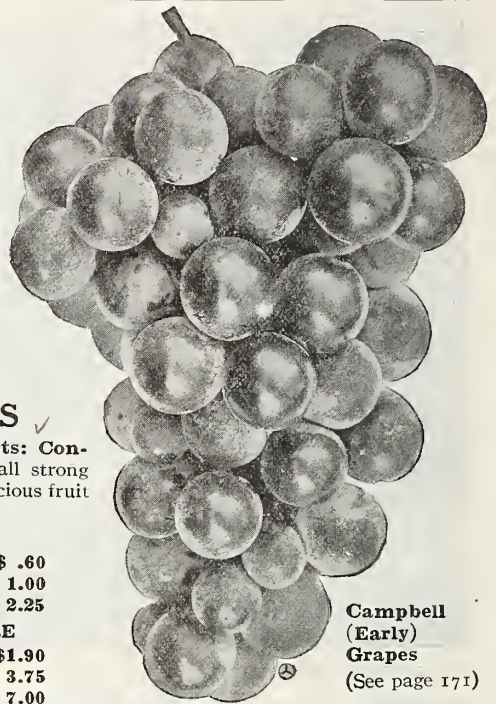
- 1 each of the five sorts 1 year for \$.60
2 each of the five sorts 1 year for 1.00
5 each of the five sorts 1 year for 2.25

DELIVERED AT EXPRESS OFFICE HERE

- 5 each of the five sorts 1 year for \$1.25 or 2 year for \$1.90
10 each of the five sorts 1 year for \$2.75 or 2 year for 3.75
20 each of the five sorts 1 year for \$5.00 or 2 year for 7.00

OUR
CHOICE

{ 10 vines in 5 sorts, 1 year } FOR \$1.00
or
{ 6 vines in 3 sorts, 2 year } BY MAIL



**Campbell
(Early)
Grapes**
(See page 171)



Worden (See page 171)

PRICE OF GRAPE VINES.

	Each	Per 10	Per 100	Per 1000
Agawam, 1 year	\$.10	\$.80	\$6.00	.....
" 2 years .....	.15	1.20	8.00	.....
Brighton, 1 year .....	.15	1.20	8.00	.....
" 2 years .....	.20	1.50	12.00	.....
Campbell, 1 year .....	.10	.80	7.00	.....
" 2 years .....	.15	1.20	10.00	.....
Catawba, 1 year .....	.10	.70	5.00	.....
" 2 years .....	.15	1.00	7.00	.....
Champion, 1 year .....	.10	.60	4.00	.....
" 2 years .....	.15	.80	5.00	.....
Concord, 1 year .....	.10	.50	2.50	\$20.00
" 2 years .....	.10	.60	4.00	35.00
Delaware, 1 year .....	.10	.80	6.00	.....
" 2 years .....	.15	1.20	9.00	.....
Diamond, 1 year .....	.15	1.00	6.00	.....
" 2 years .....	.20	1.20	8.00	.....
Ives, 1 year .....	.10	.60	5.00	.....
" 2 years .....	.15	.80	7.00	.....
King, 1 year .....	.40	3.50	.....	.....
Lutie, 1 year .....	.15	1.20	9.00	.....
" 2 years .....	.20	1.50	12.00	.....
Moore's Early, 1 year .....	.10	.80	6.00	50.00
" 2 years .....	.15	1.00	8.00	60.00
Niagara, 1 year .....	.10	.80	6.00	50.00
" 2 years .....	.15	1.00	8.00	70.00
Pocklington, 1 year .....	.10	.80	6.00	.....
" 2 years .....	.15	1.20	9.00	.....
Regal, 1 year .....	.15	1.20	10.00	.....
" 2 years .....	.20	1.50	12.00	.....
Salem, 1 year .....	.10	1.00	7.00	.....
" 2 years .....	.15	1.20	10.00	.....
Vergennes, 1 year .....	.10	1.00	7.00	.....
" 2 years .....	.15	1.20	9.00	.....
Winchell (Green Mountain) 1 year .....	.30	2.00	.....	.....
" 2 years .....	.40	3.00	.....	.....
Woodruff, 1 year .....	.15	1.20	10.00	.....
" 2 years .....	.20	1.50	12.00	.....
Worden, 1 year .....	.10	.60	5.00	40.00
" 2 years .....	.15	.80	7.00	60.00
Wyoming, 1 year .....	.10	.80	7.00	.....
" 2 years .....	.15	1.00	9.00	.....

MAIL { Unless noted, 1 year vines, 15 cts. each.
SIZE { Unless noted, 2 year vines, 25 cts. each.

BLACK GRAPES

✓ **Campbell.** Strong grower, with large, healthy foliage; productive. Ripens with Moore's Early. Bunch and berry large glossy black with blue bloom, sweet and juicy, seeds few and small, part readily from the pulp. Stands at the head of early black grapes for quality.

✓ **Champion.** (Talman.) Very early. Bunch and berry medium, thick skin, poor quality.

Concord. The well known standard variety, succeeds wherever grapes will grow. Mail size, 1 year, 12 cts.; 10 for 85 cts.

✓ **Ives.** Bunch medium to large, compact; often shouldered berries medium.

✓ **King.** Is as hardy and strong a grower as the Concord. Color the same. The pulp is more tender, flavor nearly the same, but more sprightly, ripening between Worden and Concord. The berry is too large and bunch too compact to make it a good long distance shipper, but for local high priced trade or family use it is one of the best. Mail size, 1 year, 50 cts. each.

✓ **Moore's Early.** Bunch large, berry large round, with heavy bloom, vine exceedingly hardy. Its earliness makes it desirable for an early market and particularly adapts it to Canada and northern portions of the United States; also succeeds admirably in the South.

Worden. A splendid grape of the Concord type, larger, better quality and earlier. Vine vigorous; hardy and productive. Mail size, 1 year, 15 cts.; 10 for \$1.00.

RED or AMBER GRAPES

✓ **Agawam.** (Rogers' No. 15.) Berries very large, with thick skin; pulp soft, sweet and sprightly, very vigorous, ripens early.

Brighton. Bunch large, well formed; berries above medium to large, round, excellent flavor and quality.

Catawba. Berries large, round; when fully ripe of a dark copper color, with sweet, rich musky flavor. Requires a long season to arrive at full maturity. By mail, 1 year, 15 cts.; 10 for \$1.00.

✓ **Delaware.** Small, compact, juicy, sweet, spicy.

✓ **Lutie.** Dark red, bunch and berry medium to large; skin tough, flesh pulpy and sweet; vigorous and productive. A good variety ripening with early market Moore's Early. Mail size, 1 year, 20 cts., 6 for \$1.00; 2 year, 30 cts, 4 for \$1.00



Regal—Red

White
Niagara

Regal. Very hardy, having endured thirty degrees below zero without injury. A short-jointed, vigorous and healthy grower; ripens its wood early. Exceedingly productive, and ripens a heavy load of fruit well without injury to vine. The cluster is of a very desirable size—medium to large—cylindrical, very compact and handsome. Berries are large, persistent, translucent, dark red, juicy, with a skin thin but tough. The pulp tender—easily freeing its seeds. Mail size, strong one year, 20 cts.; 6 for \$1.00; 2 year, 30 cts.; 4 for \$1.00.

Salem. (Rogers' No. 53.) A strong, vigorous vine; berries large, Catawba color; thin skin, free from hard pulp; sweet and sprightly.

✓ **Vergennes.** Berries large, holding firmly to the stem; light amber; rich and delicious. Can be held a long time in good condition.

✓ **Woodruff.** Of ironclad hardness. Fruit large, attractive, sweet. Desirable as a market variety.

✓ **Wyoming.** One of the most beautiful of the amber or red grapes; flesh tender, juicy, sweet. Early.

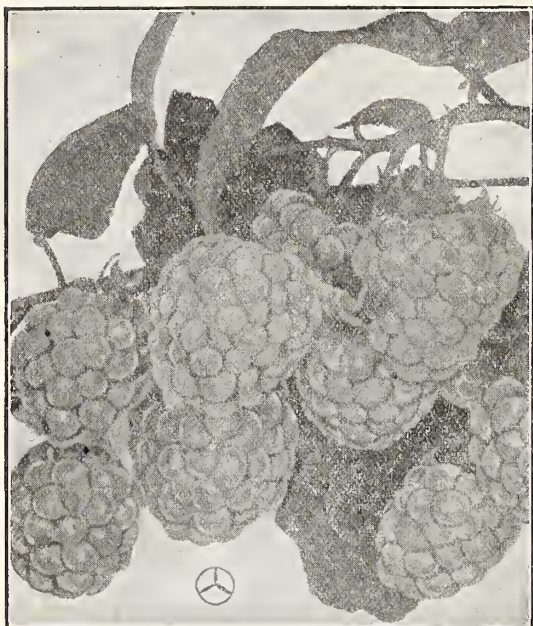
WHITE GRAPES

✓ **Diamond.** Early, ripening before Moore's Early. White, with rich yellow tinge; juicy, few seeds, almost free from pulp, excellent quality; above medium size, adheres firmly to stem. Vine like Concord in growth, hardness and foliage.

✓ **Niagara.** Occupies the same position among the white varieties as Concord among the black; the leading profitable market sort. Bunch and berries large, greenish white changing to pale yellow when fully ripe. Skin thin but tough; quality much like Concord. Mail size, 1 year, 15 cts.; 10 for \$1.00.

✓ **Pocklington.** Bunch and berries large, when fully ripe a light golden yellow; juicy, tender, sweet, with little pulp.

✓ **Winchell.** (Green Mountain.) An extra early variety from Vermont. Skin thin, pulp tender and sweet, quality superb. Bunch and berry medium size. Vine hardy, vigorous and productive. Mail size, 1 year, 35 cts.; 3 for \$1.00; 2 year, 45 cts.; 3 for \$1.25.



The New Red Raspberry—"Empire"

RASPBERRIES

Will do well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have done bearing, cut out the old wood to give more vigor to the young canes. Plant in rows five feet apart, three feet apart in the row.

PRICE OF RASPBERRIES.		Per 10	Per 100	Per 1000
Cuthbert.....	.....	\$ .30	\$ 1.50	\$ 10.00
Empire.....	.....	1.50	10.00	.....
Gregg and Columbian.....	.....	.35	2.00	12.00
Kansas, Cumberland, Plum Farmer .....	.....	.30	1.50	10.00
Eaton.....	.....	.40	2.00	.....
King and Golden Queen.....	.....	.35	1.50	12.00
Marlboro .....	.....	.35	1.50	12.00
Royal Purple.....	.....	.50	2.50	.....
Ruby.....	.....	.40	2.00	13.00
Perfection.....	.....	.40	2.00	15.00
Herbert.....	.....	.50	2.50	.....
St. Regis.....	.....	.35	1.50	12.00

Mail, size, unless noted, 10 cts.;
10 for 50 cts.; 100 for \$2.25.

RED

Cuthbert ("Queen of the Market.") A remarkably strong, hardy variety; stands the northern winter and southern summers equal to any. Berries very large, measuring three inches around, conical, rich crimson, very handsome, and so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety for main crop.

Columbian. Fruit resembles Shaffers, very large, purplish color, rather soft; rich, sprightly flavor, unrivalled for canning, making jam, jelly, etc. Bush wonderful for vigor of growth and productiveness, attaining large size and producing immense crops. Mail size, 10 for 60 cts.; 100 for \$2.75.

Eaton. A strong, sturdy grower, throwing out many laterals and fruiting to the tips and from every

lateral. An immense cropper, while the fruit is extraordinarily large and handsome, firm, and of the highest quality. The fruit is larger than the Loudon, a deeper, richer red when fully ripe, and of sprightly exquisite flavor. Mail size, 10 for 60 cts.; 100 for \$2.75.

Empire. A new variety originated by L. E. Wardell who also originated Marlboro and Ruby. Empire is one of the most promising new red raspberries having hardiness, productiveness, vigor of bush, healthiness and large, handsome, firm, well flavored fruits as its chief assets. The canes need no winter-protection in this region; equal any other variety in productiveness; are unusually vigorous, reaching a height of six or eight feet. A peculiarity of the canes is that in mid-summer they are purplish-red but become brown at the close of the season. The berries average larger than those of the well-known Cuthbert, and are about the same color as those of that variety; they ripen a little earlier and have a longer picking season. The fruits are mild, rich and sweet so that the variety may be ranked among the best in quality. The texture is firm and without doubt the berries will stand shipment well and may be kept long. With such an array of good characters, it seems certain that Empire must take high standing among commercial red raspberries. Mail size, 10 for \$2.25; 100 for \$10.75.



Herbert

Herbert. In hardiness it easily takes first place, standing a lower temperature than any other kind. The cane is very strong and vigorous, slightly prickly, leaves large and healthy. Fruit bright red, somewhat oblong, larger than Cuthbert, flavor very sweet and juicy. Season 5 to 6 days before Cuthbert. Mail size, 10 for 60 cts.; 100 for \$3.25.

King. Plant a strong grower, very hardy and productive. Berry is firm, a good shipper; large size; beautiful bright scarlet color; ripens with the earliest.

RED RASPBERRIES (Continued)

Marlboro. Large size, light crimson color; good quality and firm. Vigorous and productive. The best well tested, large early berry for the north.

Perfection. A wonderful variety found growing in New York in the spring of 1900. Strongest grower of the bright red raspberries making canes ten feet in height which are perfectly smooth; tied to stakes it has stood twenty degrees below zero without injuring a bud. Berries bright crimson, mammoth and uniform size, grow in large clusters. It is immensely productive and continues in fruit through a long season. Mail size, 10 for 50 cts.; 100 for \$2.75.

Royal Purple. A new purple variety, resembling but claimed to be better in every respect than the Columbian or Haymaker. One of the largest. The greatest bearer of all; of fine flavor. Plant hardy as an Oak; a strong grower. Recommended by the introducer as the greatest money making Raspberry on Earth. Mail size, 10 for 60 cts.; 100 for \$3.25.

Ruby. Ripens with the earliest, continuing a long season. Fruit large, bright red, exceedingly firm, excellent quality. Strong grower, large hardy canes. One of the most profitable early bright reds. Mail size, 15 cts.; 10 for 60 cts.; 100 for \$2.75.

**Cumberland Raspberry****BLACK RASPBERRIES**

Cumberland. A healthy, vigorous grower, throwing up stout, stocky well branched canes that produce immense crops of magnificent berries. Fruit very large, firm, quality about same as Gregg, keeps and ships as well as any of the blacks. The most profitable market variety. Mid-season.

Gregg. For many years the leading standard best known market sort. Very productive, large size, firm, meaty berries, covered with heavy bloom.

Kansas. Strong, vigorous grower, standing extremes of drouth and cold, and bearing immense crops. Early, ripening just after Palmer. Berries size of Gregg, of better color; jet black and almost free from bloom; firm, of best quality; presents a handsome appearance and brings highest price in market.

Plum Farmer. A few days later than Palmer; maturing the entire crop in a very short period, making one of the most profitable early market sorts. The berries are thick-meated, firm, with a bloom similar to Gregg. Berry large and very attractive when picked.

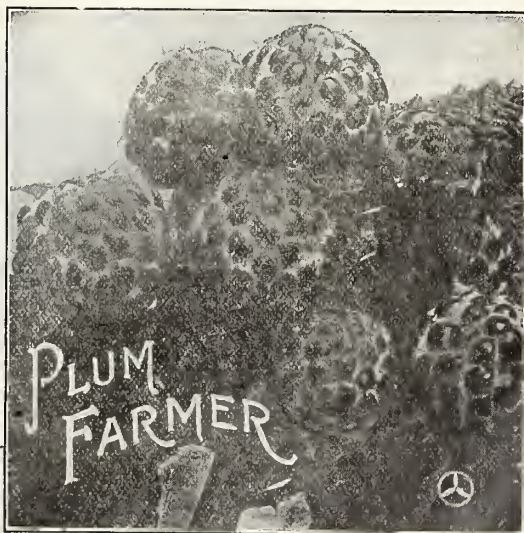
**St. Regis**

St. Regis. A genuine, practical, profitable, continuous—to—fall bearing red raspberry. Fruit commences to ripen with the earliest and continues on young canes until October. Berries bright crimson, large size, rich, sugary, with full raspberry flavor. Flesh firm and meaty, a good shipper. Wonderfully prolific. Canes stocky, of strong growth, with abundance of dark green feathery foliage.

YELLOW RASPBERRIES

Golden Queen. A beautiful, large golden yellow berry, seedling of the Cuthbert and surpassing that variety in size, beauty, quality and adaptability. Canes hardy, of strongest growth, productive. Should be in every garden, its beauty and high quality placing it at the head for table use.

"Black Caps" should be planted only in the spring. Pinch them back early, or when the young canes are about 2 feet high, to keep the bushes snug and compact and to avoid staking. All kinds of Raspberries are benefited by mulching, both in summer and winter.





Blower

BLACKBERRIES

Should be planted in rows six to seven feet apart, three to five feet in the row. Keep the ground light and rich. Pinch the canes back when they have reached four feet in height.

PRICE OF BLACKBERRIES. Each Per 10 Per 100 Per 1000

Ancient Briton, Ey. Harvest,				
Ohmer, Taylor, Kittatinny,				
Ward and Wilson.....	\$.10	\$.40	\$ 2.25	\$ 18.00
Eldorado and Blowers.....	10	.60	2.75	22.00
Mersereau and Snyder.....	10	.50	2.50	20.00
Lucretia Dewberries.....	10	.50	1.25	13.00

Mail size, unless noted, 10 cts.; 10 for 65 cts.; 25 for \$1.00; 100 for \$3.00.

Ancient Briton. One of the best of the hardy varieties; fruit stems loaded with good-sized berries of fine quality. Recommended for general planting in all sections subject to severe winters.

Blower. Originated in the celebrated small fruit belt of Chautauqua County, N. Y. One of the hardiest, most productive, of the finest quality, and brings on the market the highest price of all blackberries. Has produced 2,694 berries on one bush 2,720 quarts on one-third acre. Mail size, 15 cts.; 15 for \$1.00; 100 for \$3.50.

Early Harvest. Not entirely hardy in the north and needs winter protection. Its earliness, combined with good shipping qualities, make it very profitable. Compact dwarf grower, enormous bearer. Fruit medium size, black, of excellent quality.

Eldorado. The vines are very vigorous and hardy, enduring the winters of the far northwest without injury, and their yield is enormous. Berries large, jet black; borne in large clusters, and ripen well together; they are very sweet, melting and pleasing to the taste, have no hard core, and keep eight or ten days after picking with quality unimpaired. Mail size, 15 cts.; 100 for \$3.50.

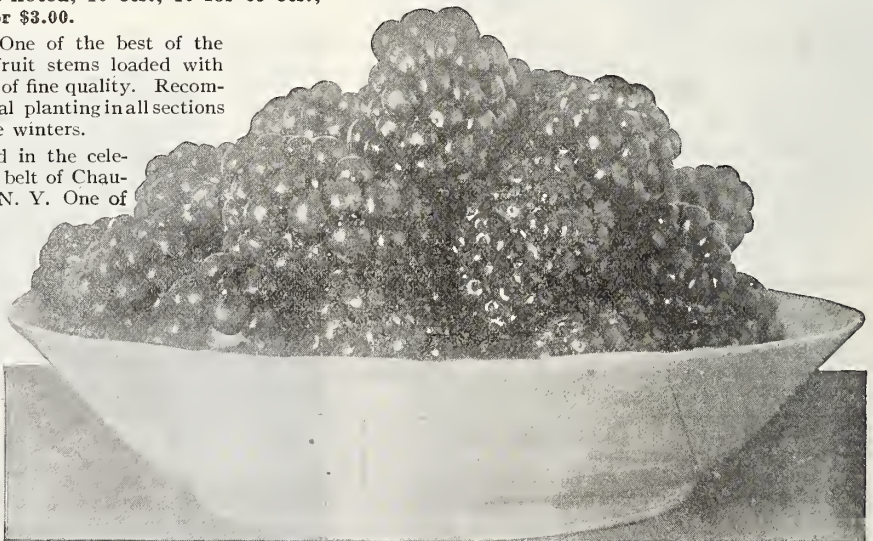


Kittatinny. Fruit large, handsome. Mid-season.

Mersereau. Remarkably strong grower, upright, producing stout, stocky canes. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; extra quality; sweet, rich, melting, without core. Unsurpassed as a shipper and keeper. Ripens with Snyder. Mail size, 10 cts.; 20 for \$1.00; \$3.25 for 100.

Ohmer. Hardy, late, large, productive; finest flavor.

Snyder. Enormously productive, medium sweet, no hard, sour core. The leading variety where hardiness is the consideration. Ripens early. Mail size, 10 cts.; 20 for \$1.00; 100 for \$3.25.



Mersereau Blackberry

BLACKBERRIES (Continued)

Taylor. Berries of fine flavor, larger than Snyder. Canes of vigorous growth, iron clad hardness and wonderfully prolific. Ripens late.

**Ward**

Ward. Undoubtedly a seedling of the Kittatinny, which it resembles, having all of its good qualities and none of its defects. A healthy, strong grower with sturdy canes producing fine large fruit, black throughout, without core, and of excellent quality. Has never suffered from winter injury in New Jersey. An exceedingly prolific sort, the bushes being covered with its fine fruit, producing as many bushels per acre as the Wilson in its prime.

Wilson. Large, very early, of sweet, excellent flavor. Ripens evenly, holds its color well; a strong grower, exceedingly productive.

DEWBERRY

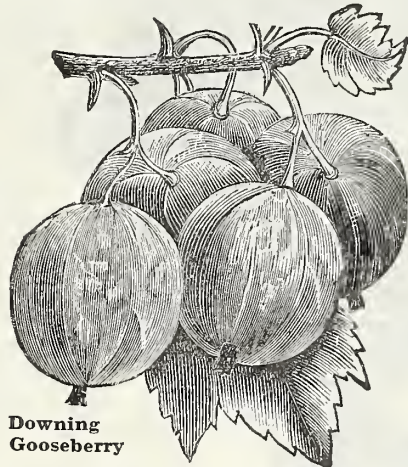
Lucretia. One of the low-growing trailing blackberries; in size and quality it equals any of the tall-growing sorts. Perfectly hardy, healthy and remarkably productive, with large, showy flowers. The fruit, which ripens early, is often one and one-half inches long by one inch in diameter; soft, sweet and luscious throughout. Mail size, 10 cts.; 25 for \$1.00; 100 for \$1.75.

**Lucretia****GOOSEBERRIES**

Owing to the embargo placed by our government upon all Gooseberries of foreign propagation, we regret our inability this year to offer the choice list of large fruited sorts which we have grown for us in England, and usually import in great quantities. We are leaders in the handling of this valuable stock, and will resume our accustomed list as soon as the present embargo is lifted.

Plant in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. To prevent mildew, spray bushes soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur)—one ounce to four gallons of water.

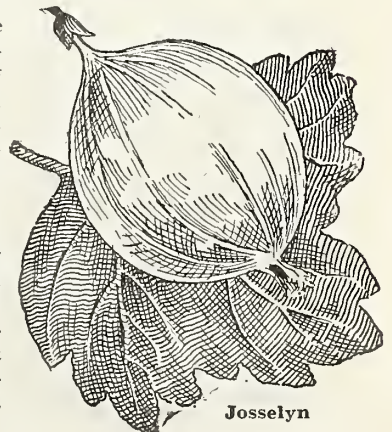
PRICE OF GOOSEBERRIES.		Each	Per 10	Per 100
Downing, 1 year	.....	.12	.85	\$6 00
“ 2 years	.....	.15	1.00	8.00
Houghton, 1 year	.....	.10	.60	5.00
“ 2 years	.....	.10	.80	7.00
Josselyn, 1 year	.....	.15	1.00	8.00
“ 2 years	.....	.20	1.20	10.00

**Downing
Gooseberry**

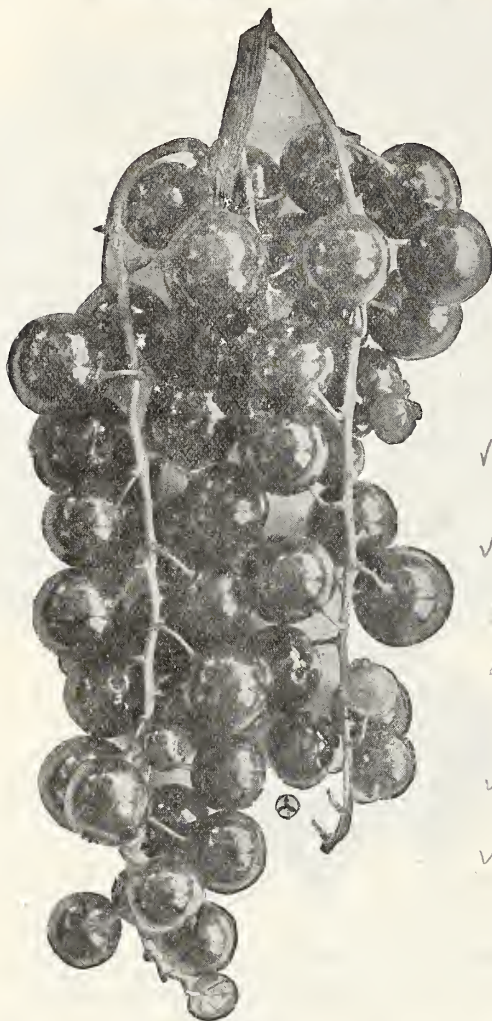
Downing. Large handsome, pale green and of splendid quality for both cooking and table use; bush a vigorous grower, and usually free from mildew. Mail size, 15 cts. each; \$1.00 for 8.

Houghton. Small to medium; roundish, oval, pale, red, sweet, tender, very good; plants spreading; shoots slender, enormously productive. Mail size, 12 cts.; \$1.00 for 10.

Josselyn. Large sized, smooth, prolific and hardy, of best quality. Been tested over a wide extent of territory by the side of all the leading varieties, and so far the freest from mildew both in leaf and fruit, of them all. A wonderful cropper, with bright clean, healthy foliage. Mail size, 20 cts.; 6 for \$1.00.

**Josselyn**

CURRENTS



London Market

PRICE OF CURRENTS. Each Per 10 Per 00

Black Victoria and			
Boskoop, 1 year...	\$.10	\$.60	\$ 4.00
2 years...	.10	.80	6.00
Cherry, 1 year.....	.10	.60	4.00
" 2 years.....	.10	.80	6.00
Fay, 1 year.....	.10	.60	4.00
" 2 years.....	.10	.80	6.00
London, 1 year.....	.10	.60	4.00
" 2 years.....	.10	.80	5.50
La Versailles, 1 year.	.10	.60	4.00
" 2 years.....	.10	.80	5.50
Perfection, 1 year....	.15	1.00	9.00
" 2 years.....	.20	1.50	12.00
Red Dutch, 1 year....	.10	.60	4.00
White Grape, 1 year..	.10	.70	4.00
" 2 years.....	.10	1.00	5.00
White Imperial, 1 yr..	.15	1.20	.....
" 2 yrs.....	.20	1.50	.....
Wilder, 1 year.....	.10	.60	4.00
" 2 years.....	.15	.80	6.00

Unless noted, 1 yr., by mail, 10 cts.;
12 for \$1.00; 100 for \$6.00.

Hardy, easily cultivated, standing neglect well and liberally responding to cultivation and generous treatment; indispensable for table use, jellies, etc.; no garden is complete without them, and large quantities are required for market.

Set five feet apart in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room to grow. If the currant worm appears, dust with hellebore.

BLACK CURRENTS

Their peculiar flavor is not readily appreciated by many people, but once the taste is acquired, "black currant jam" becomes one of the necessary adjuncts to a well stocked pantry.

✓ **Black Victoria.** A strong, vigorous grower, making a neat bush of unfailing productiveness; fruit of fine flavor and enormous size; one of the largest blacks in cultivation.

✓ **Boskoop.** A new black variety claimed to excel all the older sorts in vigor of growth, productiveness and size of fruit.

RED CURRENTS

✓ **Cherry.** Berries sometimes more than half an inch in diameter, bunches short, vigorous and productive when grown on good soils and well cultivated.

✓ **Fay.** Of unprecedented popularity, and long the leading market variety over a wide section of country. Extra large stems and berries, uniform in size, easily picked, exceedingly productive.

✓ **London.** Plant is extremely vigorous, with perfect foliage, which it retains through the season; an enormous cropper. For any use—home garden or market—one of the best.

✓ **La Versailles.** Very large, red, bunch long, of great beauty and excellent quality; one of the finest and best.

✓ **Perfection.** A cross between Fay's and White Grape, retaining the valuable characteristics of both parents. Beautiful, bright red, as large or larger than Fay's, holding its size to end of bunch; easy to pick; a superior bearer, less acid and of better quality than any other large currant in cultivation. Mail size, 20 cts.; 6 for \$1.00.

✓ **Red Dutch.** A fine, faithful old sort, with clusters much larger and less acid than many other kinds.

✓ **Wilder.** Compared with the celebrated Fay is equal in size, with longer bunch, better in quality, with much less acidity, ripens at same time, continues on bush much longer, fully as prolific, in some trials largely outyielding it.

WHITE CURRENTS

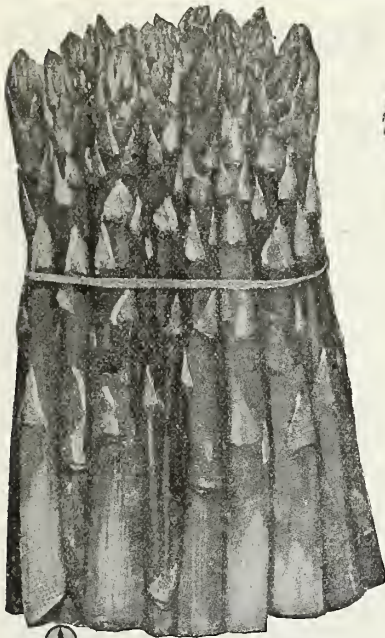
✓ **White Grape.** Very large; yellowish white; sweet or very mild acid; excellent quality and valuable for the table. Productive.

✓ **White Imperial.** Vigorous grower, very productive. The sweetest and richest white

currant extant. Fruit larger and stems longer than White Grape. The best of all for a dessert fruit. Mail size, 20 cts.; 6 for \$1.00.

**White
Grape
Currants**





Palmetto Asparagus

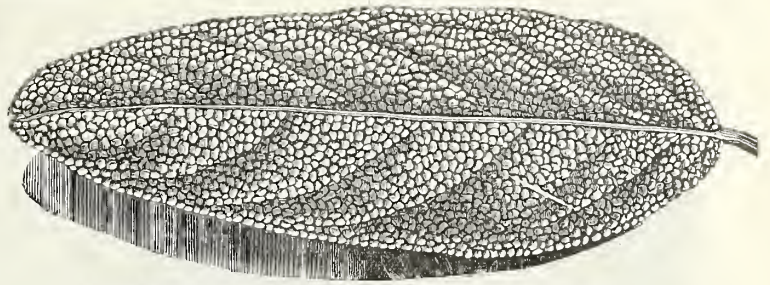
ASPARAGUS

No family garden is complete without its established bed of Asparagus; gives greatest returns for least expense and care of any permanent garden feature. In planting, make soil rich; dig trench; set 12 to 18 inches apart, roots spread out, crown 2 inches below surface; and tamp in returned soil firmly.

PRICE OF ASPARAGUS.	Per 10	Per 100	Per 1000
Conover's and Palmetto—1 year...	\$.25	.60	\$5.00
2 years...	.40	1.00	6.00

Mail size, 50 for 65 cts.; 100 for \$1.00.

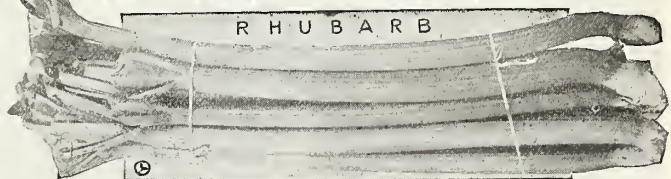
Conovers. A standard variety of large size, tender.
Palmetto. Green-stalked early variety; even regular size.



HOLT'S MAMMOTH SAGE

The plants of this new variety are very robust, perfectly hardy and increase with age. The leaf is borne well above ground, is of unusual substance, strong in flavor and of excellent quality. 10 cts. each; 75 cts. per dozen.

RHUBARB or PIE PLANT



PRICE OF RHUBARB.

	Each	Per 10	Per 100
Linnaeus and Queen.....	\$.15	\$1.00	\$4.00
Delicacy.....	.20	1.50	7.00

Linnaeus. Large, early, tender and fine. The very best of all. Mail size, 15 cts.; \$1.00 for 8.

Queen. Strong vigorous grower, producing extra large stocks of finest quality, of decided pink. For canning or cooking, quality unsurpassed. Mail size, 15 cts.; \$1.00 for 8.

Delicacy. A fine new sort with round red stalks and red flesh. Because of the tender flesh, the very few fibers and its fine salmon red color when cooked, it brings the highest market price. Can be cut through a long season. Mail size, 20 cts.; \$1.00 for 6.

NUT TREES

Almost every farm contains land that should be planted to nut trees adapted to the soil. Nuts in many cases pay better than farm crops or fruits, while most kinds are making a growth of valuable timber that will of itself pay a large percent on the investment.

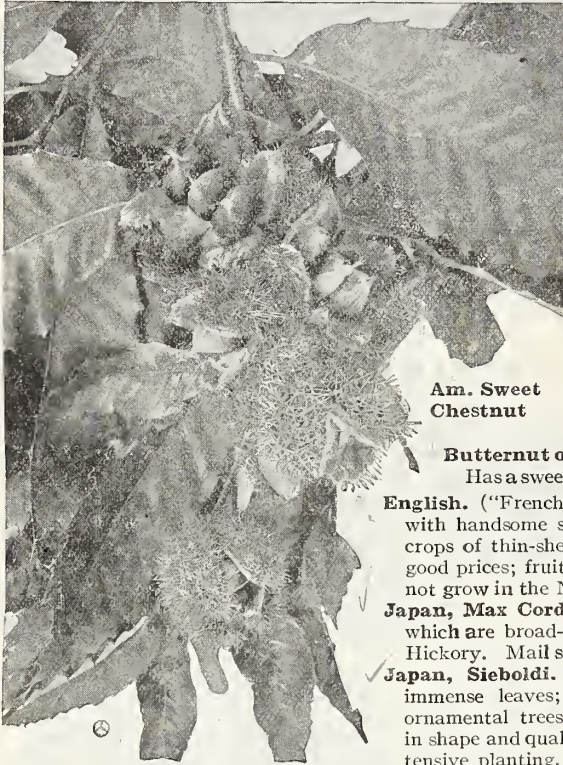


Young, bearing Japan Walnut Tree

PRICE OF NUTS.

	Each	Per 10	Per 100
Butternuts, 4 to 6 feet.....	\$.60	\$5.00	.....
" 3 to 4 feet.....	.45	3.50	\$30.00
" 2 to 3 feet.....	.35	3.00	25.00
Chestnut, American Sweet, 6 to 8 ft. .90	7.50	65.00	
" " " 5 to 6 ft. .60	5.00	40.00	
" " " 4 to 5 ft. .50	4.00	30.00	
" " " 3 to 4 ft. .40	3.00	20.00	
" " " 2 to 3 ft. .25	2.00	15.00	
" " " 8 to 12 in. .10	.50	2.50	
" Japan, 2 to 3 feet.....	.75	6.00	.....
" Spanish, 4 to 5 feet.....	.75	6.00	.....
" " 3 to 4 feet.....	.60	5.00	.....
Filberts, American, 3 to 4 feet.....	.60	5.00	.....
" English, 3 to 4 feet.....	.50	4.00	.....
" " 2 to 3 feet.....	.40	3.00	.....
" Kentish Cob, 3 to 4 feet.....	.75	6.00	.....
Hickory, 1½ to 2 feet.....	.85	7.50	.....
" 2 to 3 feet.....	1.25	10.00	.....
Pecans, 1½ to 2 feet.....	.75	6.00	.....
Walnut, Black, 4 to 6 feet.....	.50	4.00	.....
" " 3 to 4 feet.....	.45	3.50	.....
" " 2 to 3 feet.....	.30	2.50	20.00
" " 15 to 18 inches.....	.10	.60	2.00
" Japan-Sieboldi and Max			
Cordiformis, 4 to 6 feet....	.75	6.00	.....
" " 3 to 4 feet.....	.60	5.00	40.00
" " 2 to 3 feet.....	.40	3.00	25.00
" " 8 to 12 in.....	.10	.75	2.50
" English, 1½ to 2 feet.....	.50	4.00	.....

NUT TREES (Continued)



Am. Sweet Chestnut

Butternut or White Walnut. Native tree, producing a large nut. Has a sweet, oily, nutritious kernel. Mail size, 20 cts.; \$1.00 for 8.

English. ("French Nut," "Madeira Nut.") A fine lofty growing tree, with handsome spreading head. Where hardy it produces immense crops of thin-shelled delicious nuts, which are always in demand at good prices; fruit in green state is highly esteemed for pickling. Will not grow in the North. Mail size, 25 cts.; \$1.00 for 5.

Japan, Max Cordiformis. Differs from Sieboldi in form of nuts, which are broad-pointed, flattened, resembling somewhat shell-bark Hickory. Mail size, 25 cts.; 5 for \$1.00.

Japan, Sieboldi. Perfectly hardy, rapid grower, handsome form, immense leaves; bears young and abundantly; one of the finest ornamental trees. Nuts produced in clusters; resembles Butternut in shape and quality; smaller; smooth and thinner shell. Worthy of extensive planting. Mail size, 25 cts.; 5 for \$1.00.

FILBERTS

American. The common Hazelnut. Will grow in almost any location, but prefers a rather moist soil, such as can be found along streams. Nuts are tender and of fine flavor.

English. Of easiest culture, growing 6 to 8 feet high, entirely hardy, and one of the most profitable and satisfactory nuts to grow, succeeding on almost all soils, bearing early and abundantly; nuts nearly round, rich and of excellent flavor, admired for the dessert. Mail size, 25 cts.; 5 for \$1.00.

Kentish Cob. One of the best; large size, oblong, of excellent quality. Mail size, 30 cts.; \$1.00 for 4.

WALNUTS

Black. A native tree of large size and majestic form, beautiful foliage. The most valuable of all trees for its timber, which enters largely into the manufacture of fine furniture and cabinet ware, and brings the highest price in market. Tree a rapid grower, producing a large round nut of excellent quality. Mail size, 20 cts.; \$1.00 for 8.

Butternut or White Walnut. Native tree, producing a large nut. Has a sweet, oily, nutritious kernel. Mail size, 20 cts.; \$1.00 for 8.

English. ("French Nut," "Madeira Nut.") A fine lofty growing tree, with handsome spreading head. Where hardy it produces immense crops of thin-shelled delicious nuts, which are always in demand at good prices; fruit in green state is highly esteemed for pickling. Will not grow in the North. Mail size, 25 cts.; \$1.00 for 5.

Japan, Max Cordiformis. Differs from Sieboldi in form of nuts, which are broad-pointed, flattened, resembling somewhat shell-bark Hickory. Mail size, 25 cts.; 5 for \$1.00.

Japan, Sieboldi. Perfectly hardy, rapid grower, handsome form, immense leaves; bears young and abundantly; one of the finest ornamental trees. Nuts produced in clusters; resembles Butternut in shape and quality; smaller; smooth and thinner shell. Worthy of extensive planting. Mail size, 25 cts.; 5 for \$1.00.

CHESTNUTS

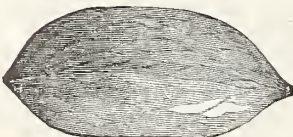
American Sweet. A native tree both useful and ornamental; timber is very durable, and possesses a fine grain for oil finish. Nuttsweet, of delicate flavor; are a valuable article of commerce. No farm should be without its grove of nut-bearing trees, and the chestnut should be foremost wherever the soil is adapted to its growth. Mail size, 10 cts.; 60 cts. for 10; \$3.00 for 100.

Japan. Very distinct from all other chestnuts; dwarf grower, productive, usually producing nuts when two or three years old. Nuts of immense size, surpassing all other kinds; of fair quality when outside skin is removed. Mail size, 35 cts.; \$1.00 for 3.

Spanish. A handsome round headed tree producing abundantly very large nuts that find a ready market at good prices. \$25.00 have been realized off one fruiting from nuts of a single tree. Not so sweet as the American and tree not so hardy. Mail size, 25 cts.; \$1.00 for 5.



Hickory

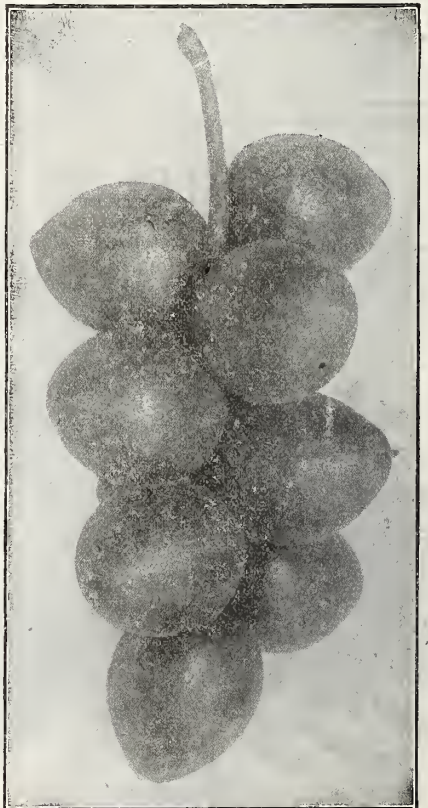


Pecan

MISCELLANEOUS NUTS

Hickory, Shell Bark. The tree is of sturdy, lofty growth. The wood, on account of its great strength and elasticity, is highly prized for making agricultural implements, and is unsurpassed for fuel. Mail size, 35 cts.; \$1.00 for 3.

Pecan. Not hardy in the North; one of the best and most profitable where it succeeds. Makes a very large tall tree, producing its thin shelled delicious nuts in profusion. Mail size, 30 cts.; \$1.00 for 4.



Fruit Cluster of Japan Walnut Sieboldi



THE STORRS & HARRISON CO.'S HARDY ORNAMENTAL TREES

179



The White Ash makes one of our best Street Trees

This section of our Nursery business requires over two hundred acres of land, distributed in immense, solid blocks to whatever variety of soil is best adapted for each particular kind of tree. A visit to the Ornamental section of our plantation is always a pleasure and education to those of our friends who live near enough to make the trip. We grow other classes and varieties of trees than are listed in this book, fully described in our Descriptive Catalogue No. 1, which we will mail upon application and receipt of ten cents.

The succeeding lists represent the most favored trees for lawn adornment, and the best types for street and grove plantings. **We will be pleased to quote prices** to anyone desiring different sizes or stock in larger quantities than offered herein. In sending list state definitely the number of each variety and size wanted.

We are always pleased to allow personal selection by our customers of particular ornamental trees, but in no such case will listed prices apply.

Five or more at ten rate; twenty-five or more at hundred rate.

DECIDUOUS TREES

AILANTHUS. (Tree of Heaven.) An extremely rapid grower with palm-like leaves. Thrives in city lots exposed to gas and smoke, and in soils where most other trees perish. 6 to 8 feet, 90 cts.; 10 for \$7.50. 8 to 10 feet, \$1.25; 10 for \$10.00. Larger specimens, \$2.00 to \$4.00 each.

ALDER, European. Well adapted to damp and moist situations. Fast growing with round wavy foliage. 6 to 8 feet, 90 cts. 8 to 10 feet, \$1.25

Alder, Imperial Cut-leaved. One of the best lawn trees, medium size, graceful habit, large, deep-cut foliage. 6 to 8 feet, \$1.25. 8 to 10 feet, \$1.75.

AMELANCHIER. (Juneberry, Shad-blow.) Graceful, slender form, white in April, with drooping snowy flowers, small edible purple fruit in June. 2 to 3 feet, 40 cts.; 10 for \$3.50.

ARALIA, Japonica. Handsome small tree. Foliage immense, finely divided; flowers in large white spikes in July. 3 to 4 feet, 50 cts.

Aralia, Spinosa. (Hercules Club.) Broad handsomely cut leaves, huge clusters of white flowers in July. 3 to 4 feet, 50 cts.

ASH

European. Large, spreading tree of rapid growth, darker foliage than the American. 6 to 8 feet, 60 cts.; 10 for \$5.00. 8 to 10 feet, 85 cts.; 10 for \$7.00.

American White. A tall rapid grower, smooth gray bark and glossy leaves. For parks and streets.

Green. A handsome medium size tree with slender branches forming a round topped head.

	Each	Per 10	Per 100
White and Green, 6 to 8 feet...	\$.75	\$6.00	\$50.00
" " " 8 to 10 feet....	1.00	8.50	75.00
" " " 10 to 12 feet....	1.25	10.00	90.00
Larger selected, \$2.00 to \$4.00 each.			

Flowering. Small and neat-growing, with terminal panicles of fringe-like, greenish white flowers in May or June. 6 to 8 feet, \$1.00. 8 to 10 feet, \$1.25.

European Weeping. Grafted on tall stems this tree spreads into a pretty green tent of shade, making it a distinct and beautiful ornament to the lawn. One of the best for forming arbors and shady seats. \$1.50.

Globe-headed. Worked on stems 6 to 8 feet high, this makes a magnificent, compact, globe-shaped head. A fine ornament for any lawn. \$2.00.



Fern-Leaved Beech

BEECH

American. Our noble native forest tree, with silvery bark, fine, spreading growth and symmetrical, rounded head. Especially attractive in spring with the tender, delicate green of its leaves and pendant flowers. Pure yellow in fall. 2 to 3 feet, \$1.00. 3 to 4 feet, \$1.50.

European. More compact grower with larger foliage than the American, medium growth. Valuable for groups and screens. 3 to 4 feet, \$1.00; 10 for \$8.50. 4 to 6 feet, \$1.25.

Fern-Leaved. An elegant dwarf variety of the English Beech, with delicately cut leaves and slender, drooping young shoots that give it a singularly airy and graceful wavy aspect. Forms a most ornamental addition to the lawn. 3 to 4 feet, \$2.50.

Purple-Leaved. (River's Grafted.) Makes an elegant, medium size tree for the lawn; the foliage in the spring is a deep purple, later changing to crimson, and in autumn a dull, purplish green. 3 to 4 feet, \$1.50. 4 to 5 feet, \$2.00.

Tricolor. A charming form with deep purple leaves, margined with rose. Give a sheltered position. 3 to 4 feet, \$2.50.

Weeping. A large, luxuriant tree of curious, irregular growth. Its sparkling masses of foliage are swept by tortuous branches into fountain-like masses of green; wonderfully rich and graceful in effect. 3 to 4 feet, \$2.00. 4 to 6 feet, \$2.75.

BIRCH

American White. A rather small tree with smooth white bark and handsome foliage. Very effective when planted in front of evergreens, to afford strong contrast. 6 to 8 feet, \$1.25. 8 to 10 feet, \$1.50.

Canoe or Paper. A large, vigorous, upright tree with broad, handsome leaves and brilliant white bark. 6 to 8 feet, \$1.25. 8 to 10 feet, \$1.50.

European White. (Scotch.) Similar to the American or Canoe Birch, with slender branches and silvery bark. After a few years growth assumes a graceful weeping habit, adding greatly to its beauty.

	Each	Per 10
Scotch, 4 to 6 feet.....	\$.75	\$6.00
" 6 to 8 feet.....	1.00	8.50
" 8 to 10 feet.....	1.50	12.50
Scotch and Canoe, larger selected,	\$2.50 to \$4.00 each.	

Cut-Leaved Weeping. One of the most elegant of all weeping or pendulous trees. Its tall, slender yet vigorous growth, graceful drooping habit, silvery white bark and delicately cut foliage presents a combination of attractive characteristics rarely met with in a single tree. Very popular for single lawn specimens or groups of three or four trees; the white bark of trunk and twigs gleaming conspicuously among the darker greens and browns. 5 to 6 feet, \$1.00; 10 for \$8.50. 6 to 8 feet, \$1.25; 10 for \$10.00. 8 to 10 feet, \$1.50 each. Mail size, 60 cts.

Purple-Leaved. A handsome white barked tree with dark purple leaves which contrast beautifully with the bark. 3 to 4 feet, \$1.00.

Pyramidal. Of tall, columnar habit like the Lombardy Poplar; white bark. 4 to 6 feet, \$1.25. 6 to 8 feet, \$1.75.

Black or Red. A moisture loving, graceful tree; with numerous slender branches, and torn and ragged bark. 6 to 8 feet, \$1.25. 8 to 10 feet, \$1.50.

Young's Weeping. Of naturally trailing growth, with long, slender shoots of picturesque irregular form. 3 to 4 feet, \$1.50. 4 to 6 feet, \$2.00.





Catalpa Bungei or "Umbrella Tree"

CATALPA

	Each	Per 10	Per 100
Bungei. Grafted, 5 to 6 feet.....	\$1.00	\$7.50	.....
" " 6 to 8 feet.....	1.25	10.00	.....
Selected 3 yr., \$2.50 to \$4.00 each.			
" Dwarf, 3 to 4 feet.....	.75	6.00	.....
Speciosa, 6 to 8 feet.....	.60	5.00	45.00
" 8 to 10 feet.....	.75	6.00	50.00
" 15 to 18 in. (Per 1000, \$6.00)....	.60	1.50	
Larger selected, \$1.50 to \$3.50 each.			

Catalpa Bungei. (Umbrella Catalpa.) Grafted on stems 6 to 8 feet high, it makes an umbrella-shaped top without pruning. Perfectly hardy, and flourishes in almost all soils and climates. Leaves large, glossy, heart-shaped, deep green, lying like shingles on a roof; always making a symmetrical head. One of the most unique trees; desirable for lawn, park and cemetery planting. Can also be supplied worked low, making an exceedingly handsome dwarf specimen.

Catalpa Speciosa. One of the most rapid growers. Valuable for timber, fence posts, railroad ties, etc., possessing wonderful durability. Large, heart-shaped, downy leaves, and compound panicles of white flowers, tinged with violet and dotted with purple and yellow. Very ornamental and useful. Mail size, 15 cts.; 10 for 50 cts.; 100 for \$2.50.

CERCIDIPHYLLUM JAPONICUM. (*Kadsura Tree*.) A beautiful bushy medium size tree with slender branches, light green foliage. A distinctly graceful and ornamental lawn tree. 4 to 6 feet. \$1.25.

FLOWERING CHERRIES

Bird Cherry. A handsome flowering tree, bearing long clusters of white flowers in May, followed by bright red fruit, much beloved by birds. It is one of the earliest trees to leaf out in the spring. 6 to 8 feet, 75 cts.

Double White. A charming small tree with branches completely covered with a mass of large double white flowers in May. 5 to 6 feet, \$1.25; 10 for \$10.00.

Japan Flowering. The famous ornamental flowering cherries of Japan. Make beautiful specimens, blooming usually in profuse panicles. Trees top worked on 4 to 6 feet stems. \$1.50 each.

Japan Weeping. A weeping form worked on 4 to 6 feet stems the pendulous limbs drooping to the ground. A beautiful object when covered with its rosy masses of bloom in early spring. \$1.75 each.

Rhexi fl. pl.

A pretty dwarf tree with rose-like double white flowers completely covering the tree in May. 3 to 4 feet, 90 cts. 4 to 5 feet, \$1.25.



Japan Weeping Cherry

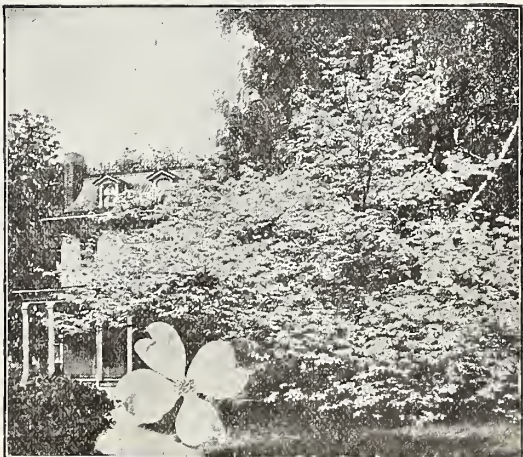
CORNUS (Dogwood)

Cornus Florida. (White Flowering Dogwood.) Flowers white, 3 to 3½ inches in diameter, produced in spring before leaves appear; very abundant, showy and durable. Foliage grayish green, glossy and handsome; in the autumn turns to deep red. Spreading, irregular form, growing 20 to 25 feet high. 3 to 4 feet, 80 cts.; 10 for \$6.50. 4 to 5 feet, \$1.00; 10 for \$8.00. Mail size, 35 cts. each; 3 for \$1.00.

Cornus Florida Rubra. (Red-flowering Dogwood.) A rare variety, similar to above, with handsome red flowers. 2 to 3 feet, \$1.25; 10 for \$10.00. 3 to 4 feet, \$1.75; 10 for \$15.00.

Cornus Florida fl. pl. (Double Flowering Dogwood.) A desirable novelty; same form and habit of Cornus Florida with double white flowers. 3 to 4 feet, \$1.50.

Welch's Variegated Cornus. The leaves are beautifully blotched, tinted and bordered creamy white in early spring, changing to carmine centre and crimson margin in mid-summer and fall, holding its magnificent coloring the entire season. The best variegated leaved tree that will thrive in our climate. 1½ to 2 feet, \$1.50. 2 to 3 feet, \$1.75. 4 to 6 feet, \$2.25. 6 to 8 feet, \$3.50.



Cornus Florida

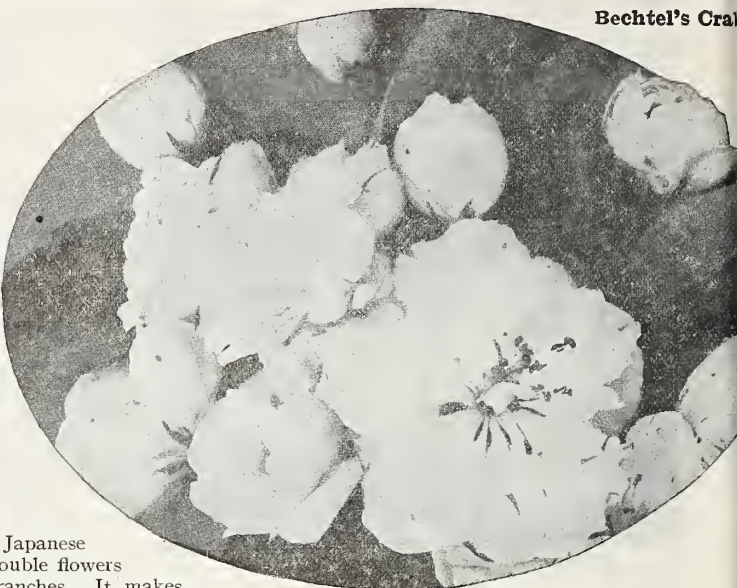
FLOWERING CRABS

Atrosanguinea. The buds are deep purplish red before opening; the entire flower red with a purplish tinge. 3 to 4 feet, 85 cts.

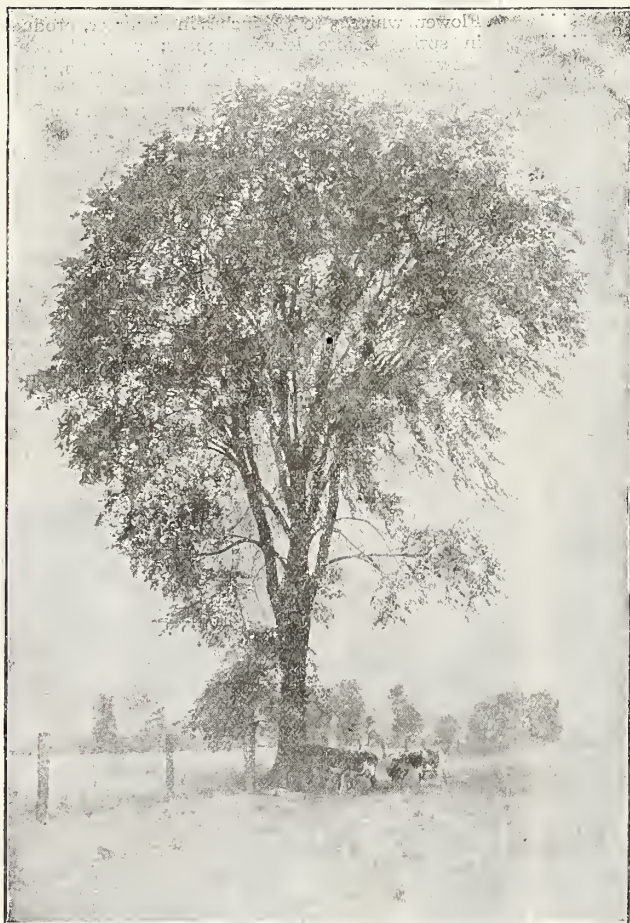
Floribunda. A large shrub or small tree, often thorny, with rose-red flowers borne in great profusion in May. The fruit is red and very small, on long stems. 3 to 4 feet, 85 cts.

Bechtel's. Makes a medium-sized tree; perfectly hardy, succeeds well in all soils not extremely wet. When in bloom appears to be covered with delicate pink, perfectly double small roses of delicious fragrance. The only sweet-scented Double Crab. 2 to 3 feet, 75 cts.; 10 for \$6.50. 3 to 4 feet, \$1.00; 10 for \$8.00. 4 to 5 feet, \$1.25; 10 for \$10.00. Mail size, 35 cts.; 3 for \$1.00.

Parkmani. (Halliana.) An elegant Japanese dwarf, with long-stemmed, semi-double flowers of deep rose-color wreathing its branches. It makes a fine, compact growth with deep green leaves. The buds are long and handsome. 3 to 4 feet, \$1.25.



Bechtel's Crab



The Stately American Elm

ELMS

PRICE OF ELMS.	Each	Per 10	Per 100
American, 6 to 8 ft. . .	.85	\$7.00	\$60.00
" 8 to 10 ft. . .	1.00	8.00	70.00
" 10 to 12 ft. . .	1.25	10.00	90.00
Dovaei, 6 to 8 ft. . .	1.00	....	....
" 8 to 10 ft. . .	1.25	....	....
English, 6 to 8 ft. . .	1.00	8.50	....
" 8 to 10 ft. . .	1.25	10.00	....
Scotch, 6 to 8 ft. . .	.90	8.00	....
" 8 to 10 ft. . .	1.10	9.00	....
" 10 to 12 ft. . .	1.35	11.00	....

Selected specimens, \$2.00 to \$5.00 each.

American. A noble native tree of large size, wide spreading head and graceful drooping branches. One of the grandest park and street trees, and superb on a distant skyline. Mail size, 25 cts.; 5 for \$1.00.

Camperdown. Leaves are large, glossy, dark green. Its vigorous, irregular branches, which have a uniform weeping habit, overlap so regularly that a compact, roof-like head is formed. A strong, vigorous grower, susceptible to training into picturesque form, and considerable utility for canopy shade. The finest Weeping Elm and one of the best weeping trees. \$1.50 each.

Dovaei. One of the best for street planting; strong, upright, vigorous growing; soon making fine specimens.

English. More densely branched than the American, and not quite so tall, with smaller, darker leaves, retained longer in autumn. Branches project from the trunk almost at right angles.

Scotch. A rapid-growing spreading avenue tree, with large, rough, dark green leaves.

EUONYMUS EUROPAEUS. (Strawberry Tree.) A small tree whose chief beauty consists in its brilliant rose colored berries, which hang in clusters from the branches till midwinter. 3 to 4 feet, 50 cts.

HACKBERRY. Its light green leaves are glossy, pointed, almost entirely free from insects; the branches spread horizontally, forming a wide, elm-shaped head of medium size. Vigorous, hardy and healthy, thriving in all soils. 6 to 8 feet, \$1.00; 10 for \$8.50.

HONEY LOCUST. A large, vigorous tree, with wide-spreading branches, feathery, fern-like leaves, and a stout armament of thorns. Makes a fine defensive hedge. 4 to 6 feet, 60 cts. 6 to 8 feet, 80 cts. 1 year, 12 to 18 in., \$1.00 per 100; \$8.00 per 1000.

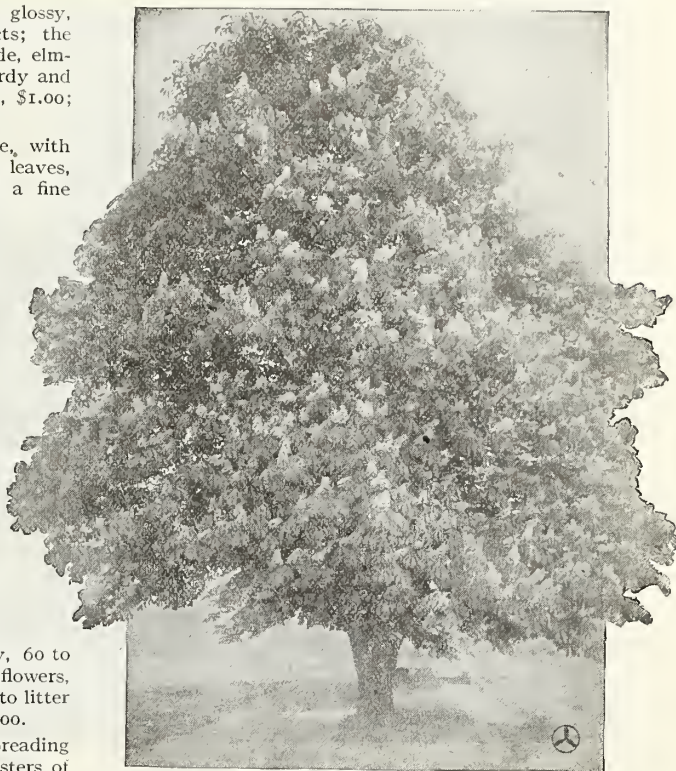
Thornless Honey Locust. (Inermis.) A handsome tree of slenderer habit, almost spineless, and therefore more suitable for lawns. Size and fruit same as the former. 4 to 6 feet, 75 cts.

HORSE CHESTNUTS

White Flowering. The well-known European species; very handsome with magnificent spikes of white flowers borne in great profusion, and sweetly scented. As a lawn tree it is one of the most attractive; furnishes an even spread and dense shade. 5 to 6 feet, 75 cts.; 10 for \$6.00. 6 to 8 feet, \$1.00; 10 for \$8.50. Large specimens, \$2.50 to \$5.00 each.

Double White Flowering. Superb variety, 60 to 80 feet tall, with large panicles of double flowers, like Hyacinth trusses in effect. Has no nuts to litter the lawn. 4 to 6 feet, \$1.50. 6 to 8 feet, \$2.00.

Ohio Buckeye. Makes a large tree with spreading branches and light green leaves. Large clusters of yellowish flowers in spring. 4 to 6 feet, \$1.25.



Horse Chestnut



Kentucky Coffee Tree

HORNBEAM European. A very hardy ornamental tree with dense round head. Stands severe pruning without detriment and is remarkably free from the attacks of insects. 4 to 6 feet, 75 cts.

JUDAS TREE. (Red Bud.) A small growing tree of irregular form, with heart-shaped leaves. It is covered with delicate pink blossoms early in spring before the leaves appear. A fine ornamental tree, worthy of general planting. 3 to 4 feet, 60 cts.; 10 for \$5.00. 4 to 5 feet, 75 cts.; 10 for \$6.00.

KENTUCKY COFFEE TREE. A picturesquely irregular tree, 30 to 60 feet high, with peculiar rough barked, twigless branches and broad fans of twice pinnate foliage of peculiar bluish green. Bears long racemes white flowers in early summer. 6 to 8 feet, \$1.00; 10 for \$8.50.

KOELREUTERIA Paniculata. (Varnish Tree.) A rare tree, 25 to 30 feet high, showy in July, when spangled with footlong clusters of golden yellow flowers and in autumn when foliage colors to crimson and gold. 3 to 4 feet, 60 cts. 4 to 6 feet, 75 cts.

LABURNUM. (*Cytisus Laburnum* or "Golden Chain.") Described and illustrated in Shrub section, page 140. 3 to 4 feet, 65 cts. 4 to 5 feet, 90 cts.

LARCH, European. A tall and handsome deciduous conifer, with tapering trunk and pyramidal head. Particularly beautiful in early spring, when covered with soft and feathery foliage of a delicate green. Its plummy foliage and drooping twigs give it a very graceful effect. 5 to 6 feet, 90 cts., 10 for \$7.50. 6 to 8 feet, \$1.25; 10 for \$10.00



European Linden

LINDENS

American. A stately tree, growing 60 to 80 feet tall, with large, shining cordate leaves. Valuable for its beautiful white wood. Its flowers appear in July.

	Each	Per 10	Per 100
6 to 8 feet.....	\$1.00	\$8.50	\$75.00
8 to 10 feet.....	1.25	10.00	90.00
10 to 12 feet.....	1.50	12.50	110.00

European. A fine pyramidal tree, with large leaves and fragrant flowers. Largely used for street and ornamental planting, developing into beautiful specimens.

	Each	Per 10	Per 100
6 to 8 feet.....	\$.85	\$7.00	\$60.00
8 to 10 feet.....	1.00	8.50	75.00
10 to 12 feet.....	1.25	10.00	90.00

Gold Twig. A handsome variety, with bright yellow bark covering the branches, giving it a picturesque appearance. 6 to 8 feet, \$1.25. 8 to 10 feet, \$1.75.

Silver. (European White-Leaved.) A vigorous tree; medium size, pyramidal form. Its handsome form, growth and foliage make it one of the finest ornamental trees. 6 to 8 feet, \$1.25. 8 to 10 feet, \$1.75.

Selected specimens above Lindens, \$2.00 to \$5.00 each.

Weeping. (White-Leaved.) An elegant medium-sized tree, 50 to 75 feet tall, of gracefully pendulous habit, that holds its large, silver-lined leaves through the season. Hardy, grows fast and is quite striking. 4 to 6 feet, \$1.50.

LIQUIDAMBAR. (Sweet Gum.) A tree that is beautiful in all stages, useful in all sorts of planting. It has a narrowly ovate head, formed of short, corky-winged branches and masses of star-shaped, lustrous leaves that color to intense crimson-scarlet in fall. Even in winter its odd swinging seed balls and cork-winged branches make it picturesque and interesting. 4 to 6 feet, \$1.25; 10 for \$8.50. 6 to 8 feet, \$1.75.

LOCUST, Black. A native tree of large size and rapid growth. Flowers in long white racemes, very fragrant. Valuable for timber; like the Catalpa, is being largely planted for timber, posts, etc. 1 year, by mail, 15 cts.; 10 for 50 cts.; 100 for \$2.00. By express or freight, 1 year, \$1.00 per 100; \$6.00 per 1000. 4 to 6 feet, 50 cts.; 10 for \$4.00.

MAGNOLIA Glauca. (Sweet Bay.) When planted in moist soil this makes a handsome tree 30 to 40 feet high. Its leaves are glossy, laurel-like, almost evergreen. In June its pure white flower cups are lovely and fragrant. 2 to 3 feet, \$1.00; 10 for \$8.50. 3 to 4 feet, \$1.25; 10 for \$10.00.

Magnolia, Tripetala. Named from the whorled arrangement of its great, glossy leaves. The white flowers, also of great size, open in June and are followed by rose-colored fruit cones. Tree grows to 40 feet. 4 to 6 feet, \$1.00.

Imported Magnolias. See page 154 for conditional offer of these magnificent, large flowered, spring blooming, sweet scented varieties.

MAPLES

Probably no shade tree is so well known, more generally planted or so popularly loved as the Maple in its varied, but altogether charming and useful types.

PRICE OF MAPLES	Each	Per 10	Per 100
Ash-leaved, 6 to 8 feet.....	\$.75	\$6.00	\$50.00
" 8 to 10 feet.....	.85	7.00	60.00
" 10 to 12 feet.....	1.00	8.50	75.00
Colchicum Rubrum, 4 to 6 feet....	1.00	.....	.....
Cork-barked, 4 to 6 feet.....	1.00	8.50	.....
" 6 to 8 feet.....	1.50	12.50	.....
Norway, 6 to 8 feet.....	1.00	8.50	75.00
" 8 to 10 feet.....	1.25	10.00	85.00
" 10 to 12 feet.....	1.50	12.00	100.00
Scarlet, 6 to 8 feet.....	1.25	.....	.....
Schwedleri, 6 to 8 feet.....	1.50	12.50	.....
" 8 to 10 feet.....	2.00	17.50	.....
Silver-leaved, 6 to 8 feet.....	.75	6.00	50.00
" 8 to 10 feet.....	.90	7.50	60.00
" 10 to 12 feet.....	1.00	8.50	75.00
Sugar or Rock, 6 to 8 feet.....	1.00	8.50	75.00
" " 8 to 10 feet.....	1.25	10.00	85.00
" " 10 to 12 feet.....	1.50	12.00	100.00
Sycamore, 6 to 8 feet.....	1.00	8.50	.....
" 8 to 10 feet.....	1.25	10.00	.....
" Purple-leaved, 6 to 8 feet..	1.25	.....	.....
Tartarian Ginnala, 3 to 4 feet....	.60	.....	.....
" 4 to 6 feet.....	.75	.....	.....
Wier's Cut-leaved, 6 to 8 feet....	.90	7.50	60.00
" 8 to 10 feet.....	1.00	8.50	70.00
" 10 to 12 feet..	1.25	10.00	85.00

Can furnish select large size specimen trees of most varieties of Maples at from \$2.00 to \$6.00 each.

Ash-Leaved. (Box Elder.) A fine, rapid-growing variety; with handsome, light green foliage and spreading head, very hardy; desirable for street planting and succeeds in many sections where other varieties do not thrive. Mail size, 25 cts.; 8 for \$1.50.

Colchicum Rubrum. Not a large tree, but of perfectly oval shape with handsome 5 to 7 lobed leaves which are deep blood-red at time of unfolding.

MAPLES (Continued)



Schwedleri Maple

Cork Barked. Rather a small tree, with dark, dull green leaves, fading to brown and yellow. Has corky ridges on the branches. Very interesting when grown as a large shrub.

Norway. Native of Europe; a large handsome tree, with broad, deep green, shining foliage. Very desirable for street, park or lawns. The Norway Maple characteristically makes the roundest head; is colored the deepest, coolest green; and furnishes the densest shade of the entire list of good trees. Its growth is slow compared to the Soft Maples, Sycamores or Poplars; but its ultimate beauty, hardiness and longevity is worth waiting on.

Schwedleri. The Purple Norway Maple's beautiful leaves attract attention at all seasons, but are especially fine in spring, when their gleaming red and purple contrasts brightly with the delicate green of other trees. In mid-summer they are purplish green, in autumn golden yellow.

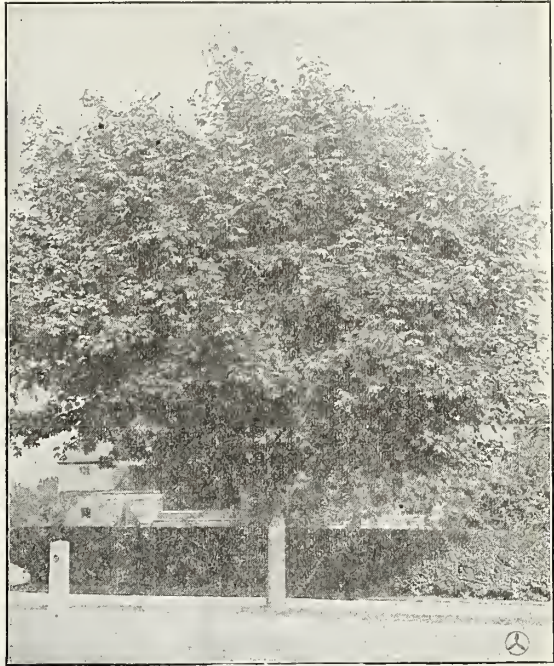
Silver. A hardy, rapid-growing native tree of large size. Valuable for producing a quick shade. Excellent for street planting. Its roots are rather close to the surface, and are apt to interfere with shrubbery or plants set too close beneath its spread. Mail size, 20 cts.; 10 for \$1.50.

Sugar or Rock Maple. Chieftain of its clan—straight, spreading, symmetrical; of grand proportions, often 120 feet in height; and longer-lived than most men who plant it. It grows well in all except damp, soggy soils, and roots deeply, allowing the grass to grow close about its trunk. Its bold leaves have very rich autumn tints of clear-yellow and scarlet. Sugar Maple groves are among the most valued and profitable assets on many a farm; the delicious "syrup" and caked sugar rarely being in surplus on the markets.

Sycamore Maple. A broad, handsome tree of medium size, rarely over 60 feet high, with larger, darker leaves than other Maples. Casts a dense cool shade.

Purple-Leaved Sycamore Maple. A purplish tone is imparted to the tree by the purple under-surface of its leaves; the effect being very fine when the leaves are in motion.

Red or Scarlet. A large tree with spreading branches. The earliest Maple to bloom, its beautiful red flowers appearing in late winter. In the fall, its leaves turn to the most brilliant shades of red and scarlet.



Norway Maple

Tartarian Ginnala. (Siberian Maple.) More like a large shrub, with three-lobed leaves and flowers in long panicles. Foliage turns bright red in autumn. Sometimes used as a substitute for the Japanese Maples.

Wier's Cut-Leaved. Silver Maple with remarkable and beautifully dissected foliage; shoots slender and drooping. Of rapid growth; makes a large tree if undisturbed, will bear any amount of pruning; adaptable to small lawns.



Sugar Maple



MOUNTAIN ASH

European. Hardy tree; head dense and regular, beautiful fern-like green foliage; covered from July till winter with clusters of bright red berries. The combination of foliage and clustered fruits makes this one of the most striking and beautiful trees that grow. 6 to 8 feet, \$1.00; 10 for \$8.50.

Oak-Leaved. Dark lobed, oak-shaped leaves, downy beneath. Produces berries freely. 4 to 6 feet, 85 cts.; 10 for \$7.50.

Weeping. A picturesque little tree, excellent for lawn specimens or for covering arbors. It has beautiful pinnate foliage and bears white flowers in broad corymbs in May and June, followed by clusters of bright red, currant-like fruits. \$1.50.

ORNAMENTAL MULBERRIES



Tea's Weeping. The most graceful and hardy weeping tree in existence. Forms a perfect shaped head, with long, slender, willowy branches, drooping to the ground. In light, airy gracefulness, delicacy of form and motion, it is without a rival. It has beautiful foliage, is hardy, safe and easy to transplant. Admirably adapted for small or large grounds, or for cemetery planting. \$1.75.

Meehan's Globe. An entirely new introduction as hardy as Tea's Weeping, making a globe-shaped head of similar form to Catalpa Bungei, better and more attractive than that well known tree. Sure to have wide popularity. Grafted on stems 5 to 6 feet. \$1.75

OAKS

PRICE OF OAKS.	Each	Per 10	Per 100
Bur or Mossy Cup, 6 to 8 feet...	\$1.75	.....	.....
Pin (Palustris), 4 to 6 feet.....	1.25	10.00	.....
" " 6 to 8 feet.....	1.75	15.00	.....
Pyramidal, 4 to 6 feet.....	2.00	.....	.....
Red, 6 to 8 feet.....	1.50	.....	.....
" 8 to 10 feet.....	2.00	.....	.....
Scarlet, 6 to 8 feet.....	1.50	.....	.....
" 8 to 10 feet.....	2.00	.....	.....
Turkey, 6 to 8 feet.....	2.00	.....	.....

Selected specimens above varieties of Oaks, \$2.00 to \$5.00 each.

Black. A tall shapely tree with round topped head. Leaves shining dark green turning to orange and dull red in autumn. A handsome tree.

Bur or Mossy Cup. Of massive, open growth, 80 to 120 feet high, with moss-fringed acorns, large, heavy leaves and deeply corrugated bark.



Pin Oak

Pin Oak. Almost pyramidal in habit, and sometimes described as half-weeping when old, because its lower branches touch the ground. It grows faster and develops the family characteristics earlier than most Oaks. It grows 60 to 80 feet. The leaves are deep green, glossy, and finely divided. Orange-scarlet in fall.

Pyramidal. A distinct, handsome form, with upright branches, forming a narrow columnar head. Green until late in fall.

Red. A large tree, 80 to 100 feet tall, unusually large in leaf; quick growth. Young shoots and leaf-stems red, the foliage purplish crimson in autumn.

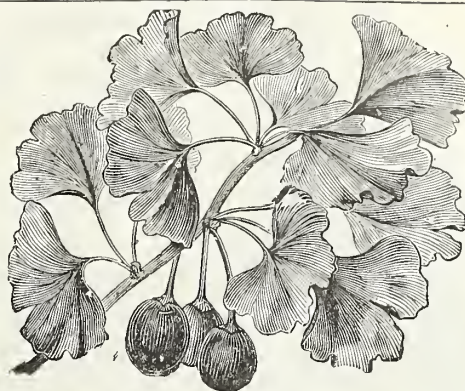
Scarlet. A grand tree, 60 to 80 feet high, with bright green, deeply cut leaves that color to sparkling red in fall.

Turkey. A large tree with wide spreading branches.

OXYDENDRON Arboreum. (Sourwood.) A small tree with spreading slender branches. Leaves bright green, fired in autumn with dazzling tones of scarlet. Flowers pure white in racemes resembling Lily-of-the-Valley. 2 to 3 feet, 75 cts. 3 to 4 feet, 90 cts.

PAULOWNIA Imperialis. (Empress Tree). A splendid tree of tropical appearance, growing to 40 feet in height. Its erect panicles of handsome, lilac-purple flowers are often a foot long; the great leaves frequently measure 18 inches across, or larger, if cut back every year. 6 to 8 feet, \$1.50.

FLOWERING PEACH, Double—Red and White. A most beautiful small tree rarely over 20 feet tall; at its blossoming time in May every twig and branch bright with beautifully formed flowers. Mail size, each color, 30 cts.; 4 for \$1.00. 2 to 3 feet, 30 cts.; 10 for \$2.50. 3 to 4 feet, 40 cts.; 10 for \$3.00.



Salisbury or "Maiden Hair"

ROSE ACACIA. (Moss Locust.) An elegant shrub, with light green pinnate leaves and long, graceful clusters of pea-shaped, rose-colored flowers in June, often throughout the summer. **Own roots**, 2 to 3 feet, 40 cts.; 10 for \$3.50. 3 to 4 feet, 50 cts.; 10 for \$4.00.

RUSSIAN OLIVE. Tree attains a height of from 20 to 30 feet, bark dark green, wood very heavy and burns like a candle (called by some the European Candle Tree), foliage rich silver color, willow shape; flowers deep golden and very fragrant; hardy. It is a beautiful ornamental tree, and should be in every collection. 2 to 3 feet, 35 cts.; 10 for \$2.50. 3 to 4 feet, 40 cts.; 10 for \$3.00. 4 to 6 feet, 60 cts.; 10 for \$5.00.

SALISBURIA. (Maiden Hair.) A rare, elegant tree from Japan with singular foliage, unlike that of any other tree; almost fern-like, of free growth; in every way desirable. 6 to 8 feet, 85 cts.; 10 for \$7.50. 8 to 10 feet, \$1.00; 10 for \$9.00. 10 to 12 feet, \$1.50; 10 for \$12.50.

PERSIMMON, American. This is the puckery Persimmon, the tree of which is much grown for its decorative features. It is very ornamental, with a round-topped head and handsome, shining foliage. The fruit is an inch or more in diameter, orange-yellow, with a bright cheek when touched by frost. 4 to 6 feet, 90 cts.

POPLARS

Aurea. Fine golden yellow foliage, retaining its brilliancy throughout the season. Mail size, 25 cts.; 5 for \$1.00.

Balsam. (Balm of Gilead.) A remarkably rapid growing tree, with luxuriant, glossy foliage. Mail size, 25 cts.; 5 for \$1.00.

Bolleana. Similar to the well-known Lombardy in habit, but broader with leaves glossy green above, silvery beneath. Will grow to a tall spire 80 feet high.

Carolina. A vigorous, native tree of rapid growth, pyramidal in form, with large glossy leaves; valuable for quick shade. Makes a fine spreading head if well

Lombardy Poplar

cut back the first few seasons; will grow anywhere. Mail size, 25 cts.; 5 for \$1.00.

Lombardy. Remarkable for its picturesque, tall, spire like form, useful in landscape effects. Mail size, 25 cts.; 5 for 10.

Weeping. (Parasol de St. Julien.) A rather stiff upright tree, 30 to 40 feet high, the branches of which take on a curiously zig-zag direction and droop toward the ground from a neat, round head. \$1.00.

PRICE OF POPLARS

	Each	Per 10	Per 100
Carolina and Lombardy, 6 to 8 ft.	\$.50	\$4.00	\$30.00
" " " 8 to 10 ft. . . . .	.60	5.00	40.00
" " " 10 to 12 ft. . . . .	.75	6.00	50.00
Aurea (Golden), 6 to 8 feet. . . . .	.60	5.00	.....
" " " 8 to 10 feet. . . . .	.75	6.00	.....
Bolleana (Silver-leaf), 6 to 8 feet. . . . .	.60	5.00	.....
" " " 8 to 10 feet. . . . .	.75	6.00	.....
Balsam, 6 to 8 feet. . . . .	.40	3.50	.....
" " " 8 to 10 feet. . . . .	.60	5.00	40.00
" " " 10 to 12 feet. . . . .	.75	6.00	50.00

PTELEA Trifoliata. (Hop Tree.) Small trees, 15 to 25 feet high, with glossy, trifoliate leaves that exhale a hop-like odor when bruised. This odor is even more noticeable in the seeds, which hang in hop-like, light green clusters for some time after the leaves have fallen in autumn. 3 to 4 feet, 35 cts.; 10 for \$2.50. 4 to 6 feet, 40 cts.; 10 for \$3.00.



An Avenue of European Sycamores

European Sycamore. (Oriental Plane.)

A lofty, wide-spreading tree; heart-shaped leaves; valuable for its handsome foliage and free growth; not as subject to disease as our native species. Makes a fine street tree. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10	Per 100
6 to 8 feet.	\$.75	\$6.00	\$50.00
8 to 10 feet. . . . .	.90	7.50	65.00
10 to 12 feet.	1.25	10.00	90.00

FLOWERING THORNS



Double
Thorns

Paul's Double Scarlet. Flowers deep crimson, with scarlet shade; very double.

Double White. Small, double, daisy-like flowers in clusters.

Double Pink. Same as white, with pink flowers.

Mail size, 35 cts.; 3 for \$1.00.

Cockspur. (Crataegus Crusgalli.) An exceedingly pretty dwarf tree, with widely extended horizontal branches which gives it a flat-topped effect. The leaves are thick, glossy, semi-persistent, coloring to rich orange and scarlet in fall; flowers profuse, white, with tinge of red, opening in May; fruits scarlet, persistent until spring.

Each Per 10

Scarlet, Pink and White, 3 to 4 feet. . . . \$.75 \$ 6.00

" " " 4 to 5 feet.90 7.50

Cockspur, 3 to 4 feet.75 6.00

Tulip Tree. (Whitewood.) One of the grandest of our native trees; of tall pyramidal habit, with broad, glossy fiddle-shaped leaves and beautiful, tulip-like flowers; allied to the Magnolia. 4 to 6 feet, 75 cts.; 10 for \$6.00. 6 to 8 feet, \$1.00; 10 for \$8.50.



Tulip Tree

WITCH HAZEL. Grows 10 to 15 feet tall, with fine leaves that color to yellow, orange or purple in fall and drop before the bright yellow flowers with narrow, twisted petals appear, making them quite conspicuous among bare branches. Likes a moist, sandy or peaty soil and partial shade. 2 to 3 feet, 40 cts.; 10 for \$3.00. 3 to 4 feet, 50 cts.; 10 for \$4.00.

WILLOWS



PRICE OF WILLOWS.

	Each	Per 10	Per 100
Gold Bark, 6 to 8 feet.	\$.60	\$5.00	\$40.00
" " 8 to 10 feet. . . . .	.70	6.00	50.00
" " 10 to 12 feet.	1.00	8.50	75.00
Laurel leaved, 6 to 8 feet. . . . .	.60	5.00	40.00
" " 8 to 10 feet. . . . .	.70	6.00	50.00
" " 10 to 12 feet.	1.00	8.50	75.00
Royal, (Silver leaf), 4 to 6 feet. . . . .	.60	5.00	40.00
" " 6 to 8 feet. . . . .	.75	6.00	50.00
Wentworth, 6 to 8 feet. . . . .	.60	5.00	40.00
" " 8 to 10 feet. . . . .	.70	6.00	50.00
" " 10 to 12 feet.	1.00	8.50	75.00
Babylonica, 6 to 8 feet. . . . .	.60	5.00	45.00
" " 8 to 10 feet. . . . .	.75	6.50	60.00
" " 10 to 12 feet.	1.00	9.00	80.00
ThurLOW (Elegantissima), 6 to 8 feet. . . . .	.60	5.00	40.00
" " 8 to 10 ft. . . . .	.70	6.00	50.00
Wisconsin, 6 to 8 feet. . . . .	.60	5.00	40.00
" " 8 to 10 feet. . . . .	.70	6.00	50.00

Gold Bark. Showy variety with golden bark of high color, making it very conspicuous during the winter. A handsome tree at all seasons. Mail size, 25 cts.; 5 for \$1.00.

Laurel-Leaved. A splendid ornamental small tree, with large, glossy, laurel-like leaves, whence its name. Mail size, 30 cts.; 5 for \$1.00.

Royal or Silver Leaf. A large tree, sometimes 100 feet high, with short and thick trunk and yellowish brown branches. The foliage is ashy gray and silvery, giving a white appearance to the whole tree. Mail size, 30 cts.; 5 for \$1.00.

Wentworth. One of the tall, rapid, upright growing varieties with bright red bark. Mail size, 30 cts.; 5 for \$1.00.

Babylonica. (Weeping.) A well-known and most graceful tree of large size. Its fresh, bright green tint and long, wavy branches make it very attractive. Mail size, 30 cts.; 5 for \$1.00.

ThurLOW's. (Weeping.) Larger and more spreading than the Babylonian form, and hardier, but similar in foliage and grayish green bark.

Wisconsin. (Weeping.) A large tree with long, drooping branches, similar to the Babylonica, but much hardier. Mail size, 30 cts.; 5 for \$1.00.



EVERGREEN TREES

189

Our **Evergreens** are carefully grown at good distances for symmetrical development, are root and top pruned into handsome, shapely specimens that will transplant successfully to new homes with ordinary care.

Planting Season for spring from April 10 to May 15; for fall from about August 15 to October 10, depending on season and locality.

We pack them so that the root-fibres are well protected and will reach their destination in good growing condition. If planters will continue this care to keep the fibres from drying out by exposure to air and sun until the stock is planted, success is reasonably sure.

Trees dug with ball of earth about the roots and tightly sewed in burlap will stand transportation and transplanting with little risk of loss. In planting it is not necessary to remove the burlap. Place tree in properly prepared hole, cut burlap in several places, firm earth tightly about ball of roots, water, and mulch with leaves, straw or other coarse litter. **If trees are wanted balled, add 10 cts.** each for 1½ to 2 ft.; 12 cts. each for 2 to 3 ft.; 15 cts. each for 3 to 4 ft.; 20 cts. each for 4 to 5 ft.; 25 cts. each for 5 to 6 ft.

Except noted, all prices following are for trees without "ball," delivered at Painesville freight or express office. Varieties offered in "Mail Size" are priced for mail delivery, postage paid, to your postoffice.

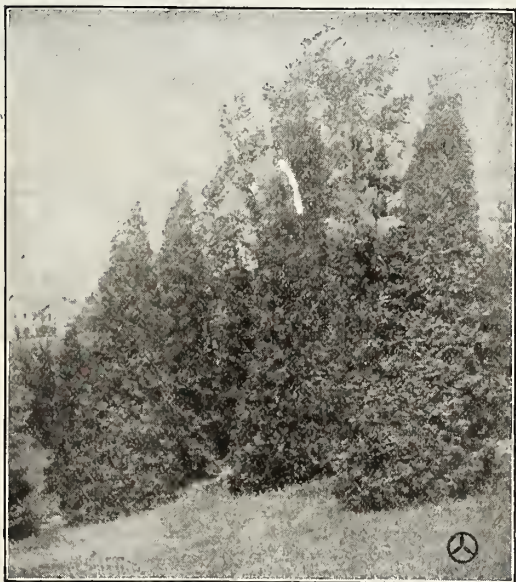
ARBOR VITÆ—Thuya

American. (White Cedar.) Erect, pyramidal habit with soft light green foliage, dense from ground up; grows rapidly and soon forms a most beautiful hedge, for which purpose it is one of the best Evergreens—or for any other purpose. Mail size, 10 cts.; 8 for \$1.00; 100 for \$6.00.

	Each	Per 10	Per 100
12 to 15 inch.....	\$.25	\$ 2.00	\$ 16.00
1½ to 2 feet.....	.65	5.00	45.00
2 to 3 feet.....	.90	7.50	70.00
5 to 6 feet.....	2.50	20.00	.....
6 to 8 feet.....	3.50	30.00	.....

Compacta. (Parsons.) Dwarf, dense little trees with light green foliage, neat and attractive. Useful for beds, borders, cemeteries or low growing hedges.

	Each	Per 10
Mail size, 30 cts.; 4 for \$1.00.		
12 to 15 inches.....	\$.60	\$ 5.00
15 to 18 inches.....	.75	6.00



Pyramidal Arbor Vitæ



Ellwangers ... (Arbor Vitæ) ... Ericoides

Douglass Golden. One of the hardiest of all golden evergreens. Broad and bushy growth with long slender branches and bright yellow foliage. 1½ to 2 feet, \$1.50. 2 to 3 feet, \$2.25.

Ellwangeriana. A low, broad pyramid with slender branches; intermediate in foliage between Ericoides and American. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10
1½ to 2 feet.....	\$.75	\$ 6.00
2 to 3 feet.....	1.00	8.00

Ericoides. (Heath-Leaved Arbor Vitæ.) A very pretty dense little shrub of the Tom Thumb type. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10
15 to 18 inch.....	\$.60	\$ 5.00
18 to 24 inch.....	.75	6.00
2 to 3 feet.....	1.00	8.50

George Peabody. (Lutea.) A beautiful variety, the gold marking diffusing itself more deeply into the foliage than any other. Mail size, 75 cts.

	Each	Per 10
2 to 3 feet.....	\$ 2.00	\$ 17.50
3 to 4 feet.....	3.00	.....

Hovey's Golden. A small, hardy tree, globular in form and very compact; foliage light green with a golden tinge. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10
1½ to 2 feet.....	\$.90	\$ 7.50
2 to 3 feet.....	1.25	10.00
3 to 4 feet.....	1.75	15.00

Pumila. A handsome dwarf; dense, perfect in form; a charming shade of green. Mail size, 30 cts.; 4 for \$1.00.

Pyramidalis. This exceedingly beautiful Arbor Vitæ is the most compact and erect of the entire species, being in form almost a counterpart of the Irish Juniper. Foliage a deep green, retaining color remarkably well through the entire season and perfectly hardy. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10	Per 100
2 to 3 feet.....	\$ 1.00	\$ 8.50	\$ 75.00
3 to 4 feet.....	1.50	12.50	100.00
5 to 6 feet.....	3.00	25.00	.....



Concolor Fir

ARBOR VITAE (Continued)

Siberian. A superb variety, somewhat similar to American, with heavier and fuller foliage and more compact habit. It holds its color during winter and bears trimming well; one of the hardiest. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10	Per 100
1½ to 2 feet.....	\$.75	\$6.00	\$50.00
2 to 3 feet.....	1.00	8.50	75.00
3 to 4 feet.....	1.75	15.00	125.00

Tom Thumb. A very small, compact evergreen, with very fine foliage. Makes a beautiful ornament for a small yard or cemetery lot; fine for low hedges. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10
15 to 18 inches.....	\$.75	\$6.00
18 to 24 inches.....	1.00	8.50

BOX—Buxus

Dwarf. Used principally for borders and edging, for which purpose, where hardy, is the best plant in cultivation. Mail size, 10 cts.; 90 cts. for 10; \$8.00 for 100. By express, 3 to 5 inches, 80 cts. for 10; \$6.00 for 100.

For prices of specimen trees, see page 154.

CYPRESS—Cupressus

Nutkaensis. (Nootka Sound Cypress.) A choice pyramidal evergreen with glaucous green leaves and spreading, curving branches drooping at the tips. Perfectly hardy, a choice sort. Mail size, 40 cts., 3 for \$1.00. 1½ to 2 feet, \$1.25. 2 to 3 feet, \$1.75. 3 to 4 feet, \$2.50.

Triomphe de Boskoop. A tall growing, slender trunked tree with spreading, pendulous branchlets clothed with fern-like feathery foliage of a deep glaucous or blue-green color. 2 to 3 feet, \$2.50 each.

FIR—Abies

Balsam. (American Silver.) A very regular, symmetrical tree, leaves dark green, silvery beneath. Mail size, 30 cts., 4 for \$1.00.

	Each	Per 10	Per 100
2 to 3 feet.....	\$.90	\$7.50	\$60.00
3 to 4 feet.....	1.00	8.50	75.00
4 to 5 feet.....	P. 75	15.00	.....
5 to 6 feet.....	2.50	22.50	.....

Cephalonica. (Cephalonian Fir.) Hardy and vigorous; stiff, erect grower; foliage rich, dark green, sharp pointed. 3 to 4 feet, \$3.00; 4 to 6 feet, \$4.00.

Concolor. (White Fir.) A picturesque Colorado species; long, leathery leaves, with glaucous tinge when young, becoming pale green with age. Branches arranged in horizontal whorls. A grand tree making splendid specimens. Mail size, 70 cts.

	Each	Per 10
2 to 3 feet.....	\$2.50	\$22.50
3 to 4 feet.....	3.50	30.00
4 to 5 feet.....	5.00	40.00

Concolor Violacea. A beautiful glaucous form of the above, with dark purple cones. 1½ to 2 feet, \$1.75. 2 to 3 feet, \$3.00. 3 to 4 feet, \$4.50.

Fraseri. (Double Balsam Fir.) Similar to the Balsam Fir, finer habit and darker foliage. A quick growing desirable specimen. 1½ to 2 feet, \$1.00. 2 to 3 feet, \$1.25. 3 to 4 feet, \$2.00. 4 to 5 feet, \$2.50.

European Silver. (Pectinata.) A rapid grower of upright habit. Needles dark glossy green, silvery white beneath.

	Each	Per 10
1½ to 2 feet.....	\$.75	\$6.00
2 to 3 feet.....	1.00	8.50
3 to 4 feet.....	1.25	10.00

Nordmanniana. A symmetrical and imposing tree; the warm green of the young shoots contrasting finely with the deep color of the old foliage.

	Each	Per 10
1½ to 2 feet.....	\$1.50	\$12.50
2 to 3 feet.....	2.00	17.50
3 to 4 feet.....	3.00	25.00
4 to 5 feet.....	3.50	30.00

JUNIPER—Juniperus

English. Makes a dense pyramidal specimen; foliage grayish green. Mail size, 30 cts. 2 to 3 feet, \$1.00. 3 to 4 feet, \$1.50.

Excelsa. (Greek Juniper.) A compact pyramidal grower, making tall handsome specimens. Mail size, 30 cts. 2 to 3 feet, \$1.00. 3 to 4 feet, \$1.50.

Chinensis. (Chinese Juniper.) Pyramidal or columnar outline, foliage a pleasing grayish green color. Adaptable to extremes of temperature. 1½ to 2 feet, \$1.75. 2 to 3 feet, \$2.50.

Douglass Golden. Of spreading growth with bright golden foliage throughout the growing season, a charming and distinct variety. 15 to 18 inch, \$1.00. 18 to 24 inch, \$1.50.

Irish. Erect, formal, compact; foliage deep green. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10
1½ to 2 feet.....	\$.75	\$6.00
2 to 3 feet.....	1.00	8.50

Japan Golden. Of moderate growth and spreading habit. The attractive golden-hued foliage is constant throughout summer. Mail size, 70 cts. 18 to 24 inches, \$2.00. 2 to 3 feet, \$3.00.

Pfitzeriana. A handsome, bushy tree, with delicate foliage borne on long, whip-like branches. Fine for borders. 18 to 24 inch, \$1.50. 2 to 3 feet, \$2.00.

Stricta. Conical in form, well branched and densely clothed with grayish-green foliage of uniform shade the entire year. 1½ to 2 feet, \$1.50.

Swedish. Not quite so erect in growth as the Irish; foliage light yellowish green. It attains a height of 10 to 15 feet, perfectly hardy. Mail size, 35 cts. 2 to 3 feet, \$1.25. 3 to 4 feet, \$2.00.

Dwarf Swedish. (Suecica Nana.) Dwarf, compact habit of growth; foliage light green, not changing in winter; perfectly hardy. Mail size, 35 cts. 1½ to 2 feet, \$1.00; 10 for \$8.50. 2 to 3 feet, \$1.50.

Tamariscifolia. (Tamarix-leaved) A beautiful almost prostrate form of the Savin, with delicate, dense, bluish-green foliage. 12 to 15 inch, \$1.25.

JUNIPER (Continued)

Virginiana. (Red Cedar.) A well known American tree, with deep green foliage, varies in habit and color, some being stiff, regular and conical, others loose and irregular. Mail size, 30 cts.; 4 for \$1.00. 2 to 3 feet, \$1.25; 10 for \$10.00. 3 to 4 feet, \$1.75; 10 for \$15.00.

Virginiana Glauca. (Blue Va. Cedar.) Its compact conical form and beautiful blue glaucous foliage make it one of the choicest of all Junipers. Mail size, 70 cts. 2 to 3 feet, \$2.25. 3 to 4 feet, \$3.00.

Virginiana Sehottii. A bushy dense form of Red Cedar with light green foliage. Hardy and beautiful. Mail size, 60 cts. 2 to 3 feet, \$2.25.

Waukegan. One of the hardiest and best of the horizontal or trailing Junipers with steel-blue foliage turning purple in autumn. 1½ to 2 feet, \$1.50.



MAHONIA

Aquifolia. (Ashberry.) A beautiful shrub, with smooth, shining leaves, covered with bright yellow flowers in May, and a profusion of blue berries in autumn. In fall and winter foliage changes to a scarlet bronze. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10
15 to 18 inch.....	\$.60	\$5.00
18 to 24 inch.....	.75	6.00

PINE—Pinus

Austrian. Strong hardy, fine for windbreaks; grows rapidly on light, sandy soil. Mail size, 30 cts.; 4 for \$1.00. 1½ to 2 feet, \$1.25. 2 to 3 feet, \$2.00.

Mugho. (Dwarf.) Very distinct, leaves short, stiff, a little twisted and thickly distributed over the branches; does not grow tall, but spreads over the ground, generally assuming a globular form; very dense. Mail size, 40 cts.; 3 for \$1.00. 12 to 15 inch, \$1.25; 10 for \$10.00. 15 to 18 inches, \$1.75; 10 for \$15.00. 18 to 24 inch, \$2.25.



Retinispora Plumosa (See Page 192)

Scotch. Like the Austrian, its quick, strong growth makes it valuable for protective screens; very hardy. Mail size, 30 cts.: 4 for \$1.00

White. (Strobus.) A strong, rapid growing tree; with light, delicate silvery green foliage. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10	Per 100
Scotch and White, 2 to 3 feet.	\$1.25	\$10.00	\$80.00
" " " 3 to 4 feet.	1.50	12.50	100.00
" " " 4 to 5 feet.	2.25	20.00	.....

Umbrella Pine. (Sciadopitys Verticillata.) A remarkable Japanese tree with compact upright branches; foliage in whorls of 15 to 30 stiff broad needles, deep green in color, three to five inches long. Thrives over a wide range of country; should be protected where temperature is much below zero. 15 to 18 inch, \$1.50.

RETINISPORAS

Filifera. The leading shoot grows upright, the branches are nearly horizontal, with long, drooping, tasseled ends. Pyramidal in outline; bright green. 15 to 18 inch, \$1.00.

Filifera Aurea. Same form and habit of above; foliage bright golden yellow. 15 to 18 inch, \$1.00.

Filifera Pendula. A weeping form of Filifera with graceful pendulous branches. 1½ to 2 feet, \$1.75. 2 to 3 feet, \$2.50.

Obtusa. (Japan Cypress.) A handsome evergreen from Japan. Strong, vigorous grower with horizontal fern-like branches more or less pendulous. Foliage bright, shining green somewhat whitened beneath; very satisfactory and desirable. 1½ to 2 feet, \$1.25. 2 to 3 feet, \$2.00.

Obtusa Crippsii. (Golden Japan Cypress.) A beautiful golden form of the above carrying its bright golden color well through the season. 1½ to 2 feet, \$2.00. 2 to 3 feet, \$3.00.

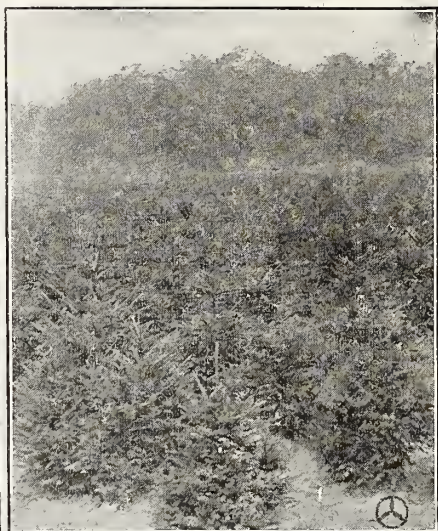
Obtusa Gracilis Aurea. A graceful small tree, the fern-like young shoots of a fine golden color. Mail size, 40 cts. 2 to 3 feet, \$1.75. 3 to 4 feet, \$2.50.

Obtusa Nana. One of the finest of family in showy arrangements of foliage; dwarf, dense, slow-growing habit; and depth of color. Mail size, 40 cts. 10 to 12 inch, \$1.00.

Obtusa Nana Aurea. A beautiful golden form of above, foliage full rich yellow, the deepest shade of all golden evergreens. Mail size, 40 cts. 12 to 15 inch, \$1.25. 15 to 18 inch, \$1.50.



Hemlock



A Block of Norways



Kosters Blue Spruce

RETINISPORA (Continued)

Pisifera Aurea. A bright golden evergreen, that holds its color; foliage light and airy. Fine for groups or specimen. Mail size, 40 cts. $1\frac{1}{2}$ to 2 feet, \$1.50; 10 for \$12.50. 2 to 3 feet, \$2.00; 10 for \$17.50. 3 to 4 feet, \$3.00.

Plumosa. An exceedingly handsome small evergreen from Japan, with feathery, light green foliage. Mail size, 35 cts.; 4 for \$1.00.

	Each	Per 10
$1\frac{1}{2}$ to 2 feet.....	\$1.50	\$12.50
2 to 3 feet.....	2.00	17.50

Plumosa Aurea. Like the preceding, a plant of great beauty; foliage soft plume like, of a golden yellow color; close and compact habit. Mail size, 35 cts.; 4 for \$1.00. $1\frac{1}{2}$ to 2 feet, \$1.50; 10 for \$12.50. 2 to 3 feet, \$2.00; 10 for \$17.50.

Squarrosa Veitchii. Dense growth; soft beautiful silvery blue foliage, arranged in spirals. Mail size, 40 cts. 18 to 24 inch, \$1.75. 2 to 3 feet, \$2.25.

SPRUCE—Picea

Alba. (White Spruce.) One of the very best conifers, especially for cold climates. Compact, upright-growing, long-lived, retaining its branches to the ground, aromatic, drought-resisting; varies in color from light green to glaucous blue. 2 to 3 feet, \$1.75.

Alcoquiana. A medium size tree, pyramidal form, short, sharp leaves, dark green above, glaucous beneath. A fine variety, rare and showy. 2 to 3 feet, \$2.00 3 to 4 feet, \$2.75.

Coloradensis. (Pungens.) The original form of the famous Blue Spruce; foliage sometimes quite blue, mostly light green. A vigorous grower, hardy, making fine specimens. Mail size, 40 cts. $1\frac{1}{2}$ to 2 feet, \$1.00.

Kosteriana. (Blue Grafted.) The finest of all blue evergreens, selection from the Colorado blue, of extra fine color and compact free growth. Mail size, 75 cts.

	Each
$1\frac{1}{2}$ to 2 feet.....	\$2.50
2 to $2\frac{1}{2}$ feet.....	3.50

Douglasi. From the mountains of Colorado. A rapid grower; foliage somewhat resembles Hemlock, leaves

light green above, glaucous below. Conical form, branches spreading, light and graceful. Mail size, 50 cts. $1\frac{1}{2}$ to 2 feet, \$1.25. 2 to 3 feet, \$2.00.

Engelmanni. From the Rocky Mountains, makes fine symmetrical specimens. Under side of leaves light blue. Mail size, 50 cts. $1\frac{1}{2}$ to 2 feet, \$1.50. 2 to 3 feet, \$2.00.

Hemlock. An elegant pyramidal tree with drooping branches and delicate, dark foliage. It is a beautiful lawn tree and makes a highly ornamental hedge. Mail size, 30 cts.; 4 for \$1.00.

	Each	Per 10
2 to 3 feet.....	2.00	17.50
3 to 4 feet.....	3.00	.....

Norway. A lofty, noble tree of pyramidal habit, exceedingly picturesque. Very popular, and one of the best evergreens for hedges. Mail size, 15 cts.; 10 for \$1.00; 100 for \$5.00.

	Each	Per 10	Per 100
12 to 15 inch.....	\$.25	\$2.00	\$16.00
$1\frac{1}{2}$ to 2 feet.....	.50	4.00	35.00
2 to 3 feet.....	.60	5.00	45.00
3 to 4 feet.....	1.00	8.00	65.00

Norway Weeping. (Inverta.) A variety of the Norway with larger foliage, lateral branches drooping like a willow. 2 to 3 feet, \$2.00. 3 to 4 feet, \$2.50.

Omorika. (Servian Spruce.) Native of the mountains of Servia. Leaves shining dark green with white lines above; short spreading ascending branches, forming a narrow pyramidal head. A remarkable distinct and ornamental species. 3 to 4 feet, \$2.50.

Polita. (Tiger Tail.) Erect habit, rigid, sharp pointed leaves of a bright green color. A fine Japanese sort. Makes a good protective separating hedge. Mail size, 40 cts. 2 to 3 feet, \$1.75. 3 to 4 feet, \$2.50.

YEW—Taxus


Canadensis. A native of Canadian forests; hardy anywhere. 15 to 18 inch, \$1.50.

Cuspidata Brevifolia. A very handsome, rare form of the Japan Yew, with short dark green leaves; dense bushy habit. Hardest of the Yews. Mail size, 50 cts. 12 to 15 inch, \$1.00. 15 to 18 inch, \$1.50.


English. Makes a fine, densely branched bush or small tree. Can be sheared into any desired form. Mail size, 50 cts. 12 to 15 inch, \$1.00. 15 to 18 inch, \$1.50.

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